

**THERMISTOR PRICING****US DOLLARS**

| <b>CATEGORY</b>        |                      |                  |            |            |              |
|------------------------|----------------------|------------------|------------|------------|--------------|
|                        | <b>DESCRIPTION</b>   | <b>PART#</b>     | <b>1-4</b> | <b>5-9</b> | <b>10-99</b> |
| <b>TEMPERATURE</b>     |                      |                  |            |            |              |
| <b>10K</b>             | SPACE EXEC           | TS-S-E-T-10K     | \$22.00    | \$13.86    | \$10.56      |
| <b>THERMISTOR</b>      | DUCT- 6"             | TS-D-6-T-10K     | \$38.00    | \$23.94    | \$18.24      |
|                        | DUCT-12"             | TS-D-12-T-10K    | \$36.00    | \$22.68    | \$17.28      |
|                        | DUCT-18"             | TS-D-18-T-10K    | \$38.00    | \$23.94    | \$18.24      |
|                        | DUCT-24"             | TS-D-24-T-10K    | \$42.00    | \$26.46    | \$20.16      |
|                        | PIPE-4"              | TS-P-4-T-10K     | \$40.00    | \$25.20    | \$19.20      |
|                        | PIPE-6"              | TS-P-6-T-10K     | \$40.00    | \$25.20    | \$19.20      |
|                        | FLEX CABLE-8'        | TS-FC-8-4-T-10K  | \$135.00   | \$85.05    | \$64.80      |
|                        | FLEX CABLE-12'       | TS-FC-12-4-T-10K | \$135.00   | \$85.05    | \$64.80      |
|                        | FLEX CABLE-20'       | TS-FC-20-4-T-10K | \$135.00   | \$85.05    | \$64.80      |
|                        | FLEX CABLE-24'       | TS-FC-24-9-T-10K | \$200.00   | \$126.00   | \$96.00      |
|                        | AVERAGING-12'        | TS-A-12-4-T-10K  | \$130.00   | \$81.90    | \$62.40      |
|                        | AVERAGING-20'        | TS-A-20-4-T-10K  | \$130.00   | \$81.90    | \$62.40      |
|                        | AVERAGING-24'        | TS-A-24-9-T-10K  | \$185.00   | \$116.55   | \$88.80      |
|                        | OUTSIDE AIR          | TS-O-T-10K       | \$50.00    | \$31.50    | \$24.00      |
|                        | STRAP-ON             | TS-SO-T-10K      | \$36.00    | \$22.68    | \$17.28      |
|                        | S/S PLATE            | TS-PL-T-10K      | \$26.00    | \$16.38    | \$12.48      |
|                        | BRASS PLATE          | TS-BP-T-10K      | \$70.00    | \$44.10    | \$33.60      |
|                        | SOIL                 | TS-L-4-T-10K     | \$120.00   | \$86.40    | \$61.44      |
| <b>OPTIONS (EXTRA)</b> |                      |                  |            |            |              |
|                        | CUSTOM LENGTH        | C                | \$10.00    | \$6.30     | \$4.80       |
|                        | TERMINAL STRIP       | ST               | \$5.00     | \$3.15     | \$2.40       |
|                        | MEMBRANE KEYPAD      | TOS              | \$20.00    | \$12.60    | \$9.60       |
|                        | SETPOINT ADJUST      | SS               | \$15.00    | \$9.45     | \$7.20       |
|                        | THERMOWELL BUSHING   | BUSHING-8-W      | \$15.00    | \$9.45     | \$7.20       |
|                        | THERMOWELL SLEEVE    | SLEEVE-B-W       | \$5.00     | \$3.15     | \$2.40       |
|                        | VERSATILE SPACE CASE | TS-S-V. . .      | \$2.00     | \$1.26     | \$0.96       |
|                        | CHILLED WATER PIPE   | CW               | \$6.00     | \$3.78     | \$2.88       |
|                        | CONDENSING ATM DUCT  | CA               | \$6.00     | \$3.78     | \$2.88       |
|                        | 1110 METAL HOUSING   | 1110             | \$3.00     | \$1.89     | \$1.44       |

Notes:

1. Our standard EMCS temperature sensors are rated for - 40C . . . + 105C.

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**RTD PRICING****US DOLLARS**

| CATEGORY                                                                                                                                                         | DESCRIPTION          | PART #           | 1-24     | 25-99    | 100-249  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------|----------|----------|----------|
| <b>TEMPERATURE</b>                                                                                                                                               |                      |                  |          |          |          |
| <b>100 or 1000 ohm RTD's</b>                                                                                                                                     | SPACE EXEC           | TS-S-E-R-100     | \$28.00  | \$17.64  | \$13.44  |
|                                                                                                                                                                  | DUCT- 6"             | TS-D-6-R-100     | \$40.00  | \$25.20  | \$19.20  |
|                                                                                                                                                                  | DUCT-12"             | TS-D-12-R-100    | \$40.00  | \$25.20  | \$19.20  |
|                                                                                                                                                                  | DUCT-18"             | TS-D-18-R-100    | \$44.00  | \$27.72  | \$21.12  |
|                                                                                                                                                                  | DUCT-24"             | TS-D-24-R-100    | \$44.00  | \$27.72  | \$21.12  |
|                                                                                                                                                                  | PIPE-4"              | TS-P-4-R-100     | \$44.00  | \$27.72  | \$21.12  |
|                                                                                                                                                                  | PIPE-6"              | TS-P-6-R-100     | \$44.00  | \$27.72  | \$21.12  |
|                                                                                                                                                                  | FLEX CABLE-8'        | TS-FC-8-4-R-100  | \$140.00 | \$88.20  | \$67.20  |
|                                                                                                                                                                  | FLEX CABLE-12'       | TS-FC-12-4-R-100 | \$140.00 | \$88.20  | \$67.20  |
|                                                                                                                                                                  | FLEX CABLE-20'       | TS-FC-20-4-R-100 | \$140.00 | \$88.20  | \$67.20  |
|                                                                                                                                                                  | FLEX CABLE-24'       | TS-FC-24-9-R-100 | \$210.00 | \$132.30 | \$100.80 |
|                                                                                                                                                                  | AVERAGING-12'        | TS-A-12-4-R-100  | \$135.00 | \$85.05  | \$64.80  |
|                                                                                                                                                                  | AVERAGING-20'        | TS-A-20-4-R-100  | \$135.00 | \$85.05  | \$64.80  |
|                                                                                                                                                                  | AVERAGING-24'        | TS-A-24-9-R-100  | \$205.00 | \$129.15 | \$106.60 |
|                                                                                                                                                                  | OUTSIDE AIR          | TS-O-R-100       | \$52.00  | \$32.76  | \$24.96  |
|                                                                                                                                                                  | STRAP-ON             | TS-SO-R-100      | \$38.00  | \$23.94  | \$18.24  |
|                                                                                                                                                                  | FLUE GAS             | TS-F-R-100       | \$94.00  | \$76.14  | \$60.16  |
|                                                                                                                                                                  | S/S PLATE            | TS-PL-R-100      | \$26.00  | \$16.38  | \$12.48  |
|                                                                                                                                                                  | BRASS PLATE          | TS-BP-R-100      | \$74.00  | \$46.62  | \$35.52  |
|                                                                                                                                                                  | SOIL                 | TS-L-4-R-100     | \$120.00 | \$86.40  | \$61.44  |
| <b>OPTIONS (EXTRA)</b>                                                                                                                                           |                      |                  |          |          |          |
|                                                                                                                                                                  | CUSTOM LENGTH        | C                | \$10.00  | \$6.30   | \$4.80   |
|                                                                                                                                                                  | TERMINAL STRIP       | ST               | \$5.00   | \$3.15   | \$2.40   |
|                                                                                                                                                                  | MEMBRANE KEYPAD      | TOS              | \$20.00  | \$12.60  | \$9.60   |
|                                                                                                                                                                  | SETPOINT ADJUST      | SS               | \$15.00  | \$9.45   | \$7.20   |
|                                                                                                                                                                  | VERSATILE SPACE CASE | TS-S-V . . .     | \$2.00   | \$1.26   | \$0.96   |
| <b>Notes:</b>                                                                                                                                                    |                      |                  |          |          |          |
| 1. Our energy management temperature sensors are rated for -40C . . . +105C.                                                                                     |                      |                  |          |          |          |
| Flue gas models are rated for 400C operation. We also manufacture temperature sensors for -200 . . . +2000C operation. Please ask for our industrial price list. |                      |                  |          |          |          |
| 2. Part numbers are for 100 ohm DIN platinum RTD sensors.                                                                                                        |                      |                  |          |          |          |
| Change 100 to 1000 for 1000 ohm sensors. The price is the same.                                                                                                  |                      |                  |          |          |          |
| <b>INDUSTRIAL</b>                                                                                                                                                |                      |                  |          |          |          |
|                                                                                                                                                                  | SMALL SIZE to 200C   | GPS-R-100-12-4   | \$113.00 | \$91.53  | \$81.36  |
|                                                                                                                                                                  | LARGE SIZE to 200C   | GPL-R-100-12-8   | \$123.00 | \$99.63  | \$88.56  |
| <b>ADDERS</b>                                                                                                                                                    |                      |                  |          |          |          |
|                                                                                                                                                                  | 400C rating          | -400C            | \$10.00  | \$8.10   | \$7.20   |
|                                                                                                                                                                  | 600C rating          | -800C            | \$25.00  | \$20.25  | \$18.00  |
|                                                                                                                                                                  | 3/4" NPT on GPL      | -12              | \$6.00   | \$4.86   | \$4.32   |
|                                                                                                                                                                  | 1/2" NPT on GPS      | -8               | \$6.00   | \$4.86   | \$4.32   |
|                                                                                                                                                                  | LENGTHS > 12" per ft | -##IN            | \$4.00   | \$3.24   | \$2.88   |

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**RTD TRANSMITTER PRICING****US DOLLARS**

| <b>CATEGORY</b>     | <b>DESCRIPTION</b>  | <b>PART #</b>   | <b>1-4</b> | <b>5-9</b> | <b>10-99</b> |
|---------------------|---------------------|-----------------|------------|------------|--------------|
| <b>TEMPERATURE</b>  |                     |                 |            |            |              |
| <b>TRANSMITTERS</b> | SPACE EXEC          | TT-S-E-R-100    | \$122      | \$76       | \$65         |
|                     | DUCT- 6"            | TT-D-6-R-100    | \$136      | \$85       | \$73         |
|                     | DUCT-12"            | TT-D-12-R-100   | \$136      | \$85       | \$73         |
|                     | DUCT-18"            | TT-D-18-R-100   | \$136      | \$85       | \$73         |
|                     | DUCT-24"            | TT-D-24-R-100   | \$136      | \$85       | \$73         |
|                     | PIPE-4"             | TT-P-4-R-100    | \$136      | \$85       | \$73         |
|                     | PIPE-6"             | TT-P-6-R-100    | \$136      | \$85       | \$73         |
|                     | AVERAGING-12'       | TT-A-12-4-R-100 | \$194      | \$121      | \$104        |
|                     | AVERAGING-20'       | TT-A-20-4-R-100 | \$194      | \$121      | \$104        |
|                     | AVERAGING-24'       | TT-A-24-9-R-100 | \$244      | \$152      | \$141        |
|                     | OUTSIDE AIR         | TT-O-R-100      | \$145      | \$91       | \$78         |
|                     | STRAP-ON            | TT-SO-R-100     | \$136      | \$85       | \$73         |
|                     | FLUE GAS            | TT-F-R-100      | \$186      | \$149      | \$132        |
|                     | BARE BOARD          | TT-R-100        | \$93       | \$58       | \$50         |
|                     | SNAP TRACK          | TT-ST-R-100     | \$102      | \$64       | \$55         |
|                     | DIN RAIL            | TT-DR-R-100     | \$145      | \$91       | \$78         |
|                     | BLUE BOX MOUNTED    | TT-BB-R-100     | \$102      | \$73       | \$69         |
|                     | PGM HOCKEY PUCK T/C | TXP420          | \$158      | \$113      | \$106        |
|                     | PGM HOCKEY PUCK RTD | TXR420          | \$108      | \$77       | \$72         |

|                |                  |      |         |         |         |
|----------------|------------------|------|---------|---------|---------|
| <b>OPTIONS</b> |                  |      |         |         |         |
|                | CUSTOM LENGTH    | C    | \$10.00 | \$7.30  | \$5.80  |
|                | 1000 OHM VERSION | 1000 | \$12.00 | \$8.56  | \$6.76  |
|                | SPECIAL RANGES   | SR   | \$12.00 | \$8.56  | \$6.76  |
|                | MEMBRANE KEYPAD  | TOS  | \$20.00 | \$13.60 | \$10.60 |
|                | SETPOINT ADJUST  | SS   | \$15.00 | \$10.45 | \$8.20  |

1. Our energy management temperature sensors are rated for -40C ... +105C. Flue gas probes are rated for 400C operation. The electronic transmitter is rated -20 ... +60C. The transmitter can be located remote from the probe if necessary.
2. Part numbers are for 100 ohm DIN platinum sensors. Change 100 to 1000 for 1000 ohm transmitters. See OPTIONS for price adder.
3. Prices shown are for transmitter ranges: -50...+50C, 0...50C & 0...100C. For other ranges please see OPTIONS for "-SR" special range adder.

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**HUMIDITY & PRESSURE****US DOLLARS**

| CATEGORY        | DESCRIPTION            | PART #            | 1-4     | 5-9    | 10-99  |
|-----------------|------------------------|-------------------|---------|--------|--------|
| <b>HUMIDITY</b> | 3% ECONOMY SPACE       | HTC-S-420         | \$181   | \$113  | \$97   |
|                 | 3% ECONOMY DUCT        | HTC-D-420         | \$199   | \$124  | \$107  |
|                 | 2% SPACE MOUNT         | HTC-S-598         | \$253   | \$158  | \$135  |
|                 | 2% DUCT MOUNT          | HTC-D-598         | \$276   | \$172  | \$147  |
|                 | SPLASH PROOF           | HTC-W-598         | \$284   | \$177  | \$152  |
|                 | SPLASH PROOF with TEMP | HTTC-W-598        | \$402   | \$250  | \$215  |
|                 | WET/DRY TRANSDUCER     | HT-WD-420         | \$320   | \$200  | \$171  |
|                 | WET/DRY BULB           | HT-WD-A           | \$356   | \$222  | \$191  |
|                 | WET/DRY BULB FAN       | FAN-HT-WD-A       | \$68    | \$43   | \$37   |
|                 | WET/DRY BULB FAN ASBLY | HT-WD-A-FAN-ASBLY | \$104   | \$65   | \$56   |
|                 | ASPIRATED              | HTC-A-598         | \$420   | \$261  | \$224  |
|                 | ASPIRATED with TEMP    | HTTC-A-598        | \$510   | \$317  | \$272  |
|                 | OUTDOOR (2000 ohms)    | 1.1000.51.512     | \$1441  | \$1201 | \$1121 |
|                 | OUTDOOR (4-20mA)       | 1.1000.51.515-420 | \$1621  | \$1361 | \$1281 |
|                 | RH/TEMP METER          | HUMITHERM 2000    | \$896   | \$797  | \$797  |
|                 | 100 ohm RTD adder      | -100              | \$26    | \$17   | \$14   |
| <b>PRESSURE</b> | DIFFERENTIAL           | WGT-420           | \$158   | \$127  | \$113  |
|                 | SPECIAL RANGE ADDER    | AS NOTED          | \$19    | \$15   | \$14   |
|                 | ENCLOSURE              | IF REQUIRED       | \$19    | \$15   | \$14   |
|                 | ADJUSTABLE SWITCH      | AFS-222           | \$48    | \$30   | \$26   |
|                 | STAINLESS STEEL        | PX61              | \$158   | \$127  | \$113  |
| <b>I/P</b>      | I/P and V/P            | VIP-9000          | \$112   | \$75   | \$65   |
|                 | 0.2 MICRON FILTER      | VIP-F02           | \$7.20  | \$5.76 | \$5.12 |
|                 | 10 MICRON FILTER       | VIP-F10           | \$5.40  | \$4.00 | \$3.20 |
|                 | 0 to 30 PSI GAUGE      | VIP-PG            | \$14.40 | \$8.96 | \$7.68 |
|                 | T GAUGE MOUNT          | VIP-T             | \$6.30  | \$3.92 | \$3.36 |
|                 | PNEUMATIC TUBING       | VIP-POLY          | \$0.23  | \$0.14 | \$0.12 |
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**AIR INSTRUMENTS****US DOLLARS**

| CATEGORY            | DESCRIPTION           | PART #         | 1-4    | 5-9    | 10-99  |
|---------------------|-----------------------|----------------|--------|--------|--------|
| <b>AIR QUALITY</b>  | SPACE VERSION         | AQT-S-2000     | \$281  | \$201  | \$161  |
|                     | DUCT VERSION          | AQT-D-2000     | \$301  | \$221  | \$181  |
|                     | HAND HELD MODULE      | HHM-AQ         | \$561  | \$401  | \$401  |
|                     | AQT-DEMO-KIT          | AQT-DEMO-KIT   | \$881  | \$681  | \$681  |
|                     | SOFTWARE/CABLES       | AQT-SERIAL-KIT | \$121  | \$81   | \$81   |
| <b>CO2</b>          | WALL-240              | 310            | \$536  | \$483  | \$456  |
|                     | WALL-420/LED/RELAY    | 310-RL         | \$513  | \$462  | \$436  |
|                     | DUCT-420              | 310-D          | \$621  | \$559  | \$528  |
|                     | CALIBRATION KIT       | 310-CALKIT     | \$401  | \$401  | \$401  |
| <b>GAS DETECTOR</b> | CARBON MONOXIDE       | AST-MCO        | \$417  | \$375  | \$334  |
|                     | COMBUSTIBLES          | AST-8000-CB    | \$457  | \$411  | \$366  |
|                     | FREON R11             | AST-8000-R11   | \$457  | \$411  | \$366  |
|                     | FREON R12             | AST-8000-R12   | \$428  | \$386  | \$343  |
|                     | FREON R22             | AST-8000-R22   | \$428  | \$386  | \$343  |
|                     | FREON R134A           | AST-8000-R134A | \$457  | \$411  | \$366  |
| <b>WIND</b>         |                       |                |        |        |        |
| <b>compact</b>      | SPEED TRANSMITTER     | 4.3519.00.141  | \$579  | \$521  | \$521  |
|                     | DIRECTION TRANSMITTER | 4.3129.00.141  | \$676  | \$609  | \$609  |
|                     | MOUNTING ARM          | 4.3171.30.000  | \$128  | \$116  | \$116  |
|                     | LIGHTNING ROD         | 506351         | \$41   | \$37   | \$37   |
| <b>classic</b>      | SPEED TRANSMITTER     | 4.3303.22.041  | \$961  | \$881  | \$881  |
|                     | DIRECTION TRANSMITTER | 4.3125.32.041  | \$1633 | \$1473 | \$1473 |
|                     | POWER SUPPLY          | 9.3388.00.000  | \$328  | \$296  | \$296  |
|                     | LIGHTNING ROD         | 4.3100.99.000  | \$115  | \$105  | \$105  |
| <b>ultrasonic</b>   | ANEMOMETER 2D         | 4.3800.00.000  | \$3817 | \$3497 | \$3497 |
|                     | POWER SUPPLY          | 9.3389.10.000  | \$352  | \$320  | \$320  |
|                     | LIGHTNING ROD         | 4.3100.99.000  | \$115  | \$105  | \$105  |

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**CURRENT SENSORS****US DOLLARS**

| <b>CATEGORY</b>     | <b>DESCRIPTION</b>         | <b>PART #</b> | <b>1-4</b> | <b>5-9</b> | <b>10-99</b> |
|---------------------|----------------------------|---------------|------------|------------|--------------|
| <b>SPLIT CORE</b>   | 1 AMP FIXED AC/DC          | SC225         | \$67       | \$56       | \$47         |
| <b>SWITCH</b>       | ADJUSTABLE NO LED AC/DC    | SC245         | \$98       | \$81       | \$68         |
|                     | ADJUSTABLE WITH LED AC/DC  | SC250         | \$98       | \$81       | \$68         |
| <b>SPLIT CORE</b>   | 0 TO 5 V OUT / TO 50AMPS   | SC100-1L      | \$100      | \$83       | \$69         |
| <b>ANALOGUE</b>     | 0 TO 5V OUT / TO 200 AMPS  | SC100-2L      | \$100      | \$83       | \$69         |
|                     | 4-20MA OUT / TO 50AMPS     | SC200-1       | \$116      | \$96       | \$80         |
|                     | 4-20MA OUT / TO 200 AMPS   | SC200-2       | \$116      | \$96       | \$80         |
| <b>SPLIT CORE</b>   | 4-20MA OUT / TO 50 AMPS    | SC200-1-V     | \$154      | \$127      | \$105        |
| <b>RMS</b>          | 4-20MA OUT / TO 200AMPS    | SC200-2-V     | \$154      | \$127      | \$105        |
| <b>SOLID CORE</b>   | 1 AMP FIXED AC/DC          | 225           | \$58       | \$49       | \$41         |
| <b>SWITCH</b>       | ADJUSTABLE NO LED AC/DC    | 245           | \$73       | \$61       | \$51         |
|                     | ADJUSTABLE WITH LED AC/DC  | 250           | \$86       | \$71       | \$59         |
|                     |                            |               | \$0        | \$1        | \$1          |
| <b>SOLID CORE</b>   | 0 TO 5 V OUT / TO 50AMPS   | 100-1L        | \$83       | \$69       | \$58         |
| <b>ANALOGUE</b>     | 0 TO 5 V OUT / TO 200 AMPS | 100-2L        | \$83       | \$69       | \$58         |
|                     | 4-20MA OUT / TO 50AMPS     | 200-1         | \$98       | \$81       | \$68         |
|                     | 4-20MA OUT / TO 200 AMPS   | 200-2         | \$98       | \$81       | \$68         |
| <b>SOLID CORE</b>   | 4-20MA OUT / TO 50 AMPS    | 200-1-V       | \$117      | \$97       | \$80         |
| <b>RMS</b>          | 4-20MA OUT / TO 200AMPS    | 200-2-V       | \$117      | \$97       | \$80         |
| <b>CURRENT</b>      | #2 SERIES                  |               | \$50       | \$42       | \$35         |
| <b>TRANSFORMERS</b> | #5 SERIES to 600 AMPS      |               | \$58       | \$49       | \$41         |
|                     | #5 SERIES 750-1200 AMPS    |               | \$76       | \$63       | \$53         |
|                     | #7 SERIES to 800 AMPS      |               | \$71       | \$59       | \$50         |
|                     | #7 SERIES 1000-1600 AMPS   |               | \$100      | \$83       | \$69         |
|                     | #8 SERIES TO 4000 AMPS     |               | \$183      | \$150      | \$125        |

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Jul 15, 2003

## ***THERMOWELL PRICING***

**US DOLLARS**[illegible]

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# PRICES

**PROCESS INSTRUMENTS****US DOLLARS**

| <b>CATEGORY</b>         | <b>DESCRIPTION</b>             | <b>PART #</b> | <b>1-4</b> | <b>5-9</b> | <b>10-24</b> |
|-------------------------|--------------------------------|---------------|------------|------------|--------------|
| <b>RECORDERS</b>        |                                |               |            |            |              |
| <b>Paperless</b>        | LCD with floppy                | PR20          | \$2880     | \$2880     | \$2880       |
|                         | Paperless RS485                | PR20-HM-DT    | \$3385     | \$3385     | \$3385       |
|                         | Analysis S/W (incl with PR20)  | PR20-PCA      | \$81       | \$81       | \$81         |
| <b>thermo-hygrograp</b> |                                |               |            |            |              |
|                         | 0+40C, 0-100%rH                | 1.0665.02.014 | \$827      | \$827      | \$827        |
|                         | -35+45C, 0-100%rH              | 1.0640.00.000 | \$1117     | \$1117     | \$1117       |
| <b>CONTROLLERS</b>      |                                |               |            |            |              |
| <b>(dual display)</b>   | 1/16th DIN                     | VT4810        | \$177      | \$168      | \$159        |
|                         | 1/4 DIN                        | VT9610        | \$225      | \$214      | \$203        |
|                         | 1/8th DIN VERTICAL             | VT4910        | \$201      | \$191      | \$181        |
|                         | OUTPUT 2                       | -O2           | \$41       | \$39       | \$37         |
|                         | 4-20mA OUTPUT                  | -420          | \$25       | \$24       | \$23         |
|                         | 2-wire input                   | -2W           | \$29       | \$28       | \$26         |
|                         | RS485                          | -485          | \$69       | \$66       | \$62         |
| <b>(triple display)</b> | Temp/Humidity Controller       | EIL3000       | \$441      | Call       |              |
|                         | Expansion module               | EIL3100       | \$417      | Call       |              |
|                         | Multi-point alarm with logging | EIL3200       | \$881      | Call       |              |
|                         | PC Supervisory Software        | EIL3000/SVS   | \$401      | Call       |              |
| <b>(no display)</b>     | Temp Controller/Switch         | ETTR          | \$65       | \$61       | \$57         |
| <b>INDICATOR</b>        |                                |               |            |            |              |
|                         | 3-1/2 digit LED                | DIS-2000      | \$121      | \$91       | \$89         |
|                         | Mounted on probe               | -LED          | \$153      | \$115      | \$112        |
| <b>POWER SUPPLIES</b>   |                                |               |            |            |              |
|                         | 24 VOLT FIXED, 1 AMP           | PS24DCF       | \$20       | \$17       | \$14         |
|                         | 2 - 24 VOLT, 1 AMP             | PS24DC        | \$34       | \$29       | \$23         |
|                         | 110AC to 24DC, 1.2 AMP         | HB24          | \$129      | \$105      | \$84         |
| <b>LIGHT SENSOR</b>     | RESISTANCE OUTPUT              | LS-O/H        | \$40       | \$26       | \$20         |

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**INDUSTRIAL RTD'S****US DOLLARS**

|                   |                                                                                                                                                                      |         |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| <b>BASE UNIT</b>  | 316 stainless steel sheath, 1/4 or 3/16" diameter, from 1 to 12" long as specified, with 100 ohm DIN class B sensing element complete with up to 1 foot of lead wire |         |
|                   | • 100C version                                                                                                                                                       |         |
|                   | silicone potting, PVC leads, thin film element soft soldered                                                                                                         | \$47.20 |
|                   | • 200C version                                                                                                                                                       |         |
|                   | MgO potting, teflon leads, thin film element, silver soldered                                                                                                        | \$55.20 |
|                   | • 400C version                                                                                                                                                       |         |
|                   | MgO, fiberglass leads, thin film element, silver soldered                                                                                                            | \$63.20 |
|                   | • 600C version                                                                                                                                                       |         |
|                   | MgO, fiberglass leads, wire wound element, silver soldered                                                                                                           | \$75.20 |
| <b>ADD</b>        |                                                                                                                                                                      |         |
| <b>SPECIAL</b>    | Class "A"                                                                                                                                                            | \$8.00  |
| <b>ELEMENTS</b>   | 1/3 DIN                                                                                                                                                              | \$12.00 |
|                   | Duplex to 400C                                                                                                                                                       | \$32.00 |
|                   | Duplex to 600C                                                                                                                                                       | \$16.00 |
|                   | 10 ohm at 25C copper                                                                                                                                                 | \$20.00 |
|                   | 100 ohm Nickel                                                                                                                                                       | \$4.80  |
| <b>HEADS</b>      | Large cast aluminum 3" diameter head                                                                                                                                 | \$24.00 |
|                   | Small cast aluminum 2" diameter head                                                                                                                                 | \$20.00 |
|                   | Food grade plastic                                                                                                                                                   | \$24.00 |
|                   | CSA explosion proof style head                                                                                                                                       | \$40.00 |
| <b>FITTINGS</b>   | Threaded bushing, fixed, 1/4" or 1/2" NPT single sided                                                                                                               | \$8.80  |
|                   | Threaded bushing, fixed, 1/4" or 1/2" double sided                                                                                                                   | \$11.20 |
|                   | Threaded bushing, fixed, 3/4" double sided                                                                                                                           | \$16.00 |
|                   | compression fittings, 1/8, 3/16, or 1/4" NPT                                                                                                                         | \$13.60 |
|                   | compression fittings, 1/2" NPT or 1/2" BSP                                                                                                                           | \$20.80 |
|                   | compression fittings, 3/4" NPT                                                                                                                                       | \$25.60 |
|                   | Spring loaded with anti-rotation sleeve, 1/2" NPT                                                                                                                    | \$16.00 |
| <b>SHEATH</b>     | Extra sheath length per foot after first 12"                                                                                                                         | \$3.20  |
|                   | 1/8" O.D. sheath                                                                                                                                                     | \$8.00  |
| <b>TRANSITION</b> | Normally required if lead wire has greater O.D. than sheath                                                                                                          | \$8.00  |

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Jul 15, 2003

## LEAD WIRE FOR RTD'S

**US DOLLARS**

|          |                                                            |                                                                                    |
|----------|------------------------------------------------------------|------------------------------------------------------------------------------------|
|          | <b>PVC up to 100C</b>                                      |  |
| WIRE-PVC | 22 awg, 3 conductor, 7 strand tinned copper, red,red,white | per foot                                                                           |
|          | PVC jackets with extruded blue PVC over-jacket             | \$0.20                                                                             |

**TEFLON up to 200C**

|                                                                                           |        |
|-------------------------------------------------------------------------------------------|--------|
| WIRE-TEFLON-RRW 24 awg, 3 conductor, 7x30 SPC, 2 red, white teflon,<br>and no over-jacket | \$0.80 |
|-------------------------------------------------------------------------------------------|--------|

|                                                                                                      |        |
|------------------------------------------------------------------------------------------------------|--------|
| WIRE-MP                                                                                              |        |
| 22awg, 4 conductor, 7x30 SPC, 2 red, 2 white teflon,<br>with mesh shield and white teflon over-jaket | \$1.80 |

|                |                                                                                                                  |        |
|----------------|------------------------------------------------------------------------------------------------------------------|--------|
| WIRE-MP-DUPLEX | 22awg, 6 conductor, 7x30 SPC, 2 red, 1 wht, 2 blk, 1 grn<br>teflon with mesh shield and white teflon over-jacket | \$2.60 |
|----------------|------------------------------------------------------------------------------------------------------------------|--------|

|             |                                                                                       |        |
|-------------|---------------------------------------------------------------------------------------|--------|
| WIRE-TEF-OB | 24awg, 3 conductor, 7X30 SPC, 2 red, 1 white teflon<br>with stainless steel overbraid | \$2.88 |
|-------------|---------------------------------------------------------------------------------------|--------|

## FIBERGLASS up to 600C

|             |                                                                                     |        |
|-------------|-------------------------------------------------------------------------------------|--------|
| WIRE-GG-RRW | 24awg, 3 conductor, 7X30 SPC, 2 red, 1 white fiberglass with fiberglass over-jacket | \$1.04 |
|-------------|-------------------------------------------------------------------------------------|--------|

**SILICONE up to 180C**

|           |                                                                       |        |
|-----------|-----------------------------------------------------------------------|--------|
| WIRE-TESE | 22awg, 3 conductor, 2 red,1 white teflon with red silicone overjacket | \$1.48 |
|-----------|-----------------------------------------------------------------------|--------|

## PRICES

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**THERMOCOUPLE ASSEMBLIES****US DOLLARS**

|                |                                                                              |              |
|----------------|------------------------------------------------------------------------------|--------------|
| BASE UNIT      | J, K or calibration per ISA standard, MGO filled with stainless steel sheath |              |
| JUNCTION       | Grounded junction                                                            | \$16.50      |
|                | Ungrounded or exposed junction                                               | \$22.00      |
|                | Weld pad junction adder                                                      | \$10.00      |
| JUNCTION 1/16" | Grounded                                                                     | \$30.00      |
|                | Ungrounded                                                                   | \$44.00      |
| TERMINATION    | Small aluminum head                                                          | \$20.00      |
|                | Large aluminum head                                                          | \$24.00      |
|                | Large Delrin head (135C)                                                     | \$24.00      |
|                | Plug or jack                                                                 | \$12.00      |
| TRANSITION     | 3/16" or 1/4" O.D. including 12" leads                                       | \$8.00       |
|                | 1/16" O.D. including 12" leads                                               | \$17.60      |
| LEADS          | PVC insulated                                                                | \$0.60 /foot |
|                | Solid fibreglass                                                             | \$1.00 /foot |
|                | Stranded fibreglass                                                          | \$1.28 /foot |
|                | Silicone/teflon                                                              | \$1.28 /foot |
|                | Armor flex adder                                                             | \$1.60 /foot |
| FITTINGS       | Threaded bushing, fixed, 1/4" or 1/2" NPT single sided                       | \$8.80       |
|                | Threaded bushing, fixed, 1/4" or 1/2" double sided                           | \$20.00      |
|                | Threaded bushing, fixed, 3/4" double sided                                   | \$16.00      |
|                | compression fittings, 1/8, 3/16, or 1/4" NPT                                 | \$13.60      |
|                | compression fittings, 1/2" NPT or 1/2" BSP                                   | \$20.80      |
|                | compression fittings, 3/4" NPT                                               | \$25.60      |
|                | Spring loaded with anti-rotation sleeve 1/2" NPT                             | \$17.60      |
| SHEATH         | 0.063"                                                                       | \$2.12 /foot |
|                | 0.125"                                                                       | \$3.40 /foot |
|                | 0.188"                                                                       | \$5.00 /foot |
|                | 0.25"                                                                        | \$8.00 /foot |
|                |                                                                              |              |
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**THERMOCOUPLE WIRE****US DOLLARS**

|           |                                                          |              |
|-----------|----------------------------------------------------------|--------------|
| J-16-HGHG | J T/C WIRE, 16awg solid, high temperature glass jackets  | \$0.66 /foot |
| J-20-GG   | J T/C WIRE, 20awg solid, glass jackets                   | \$0.44 /foot |
| J-20S-GG  | J T/C WIRE 20awg stranded, glass jackets                 | \$0.59 /foot |
| J-20S-GGS | J T/C WIRE 20awg stranded, glass jackets, S/S overbraid  | \$0.75 /foot |
| J-20S-TTS | J T/C WIRE 20awg stranded, teflon jackets, S/S overbraid | \$0.75 /foot |
| JN-20S-G  | J NEGATIVE 20awg T/C WIRE stranded, glass jacket         | \$0.33 /foot |
| JP-20S-G  | J POSITIVE 20awg T/C WIRE stranded, glass jacket         | \$0.28 /foot |
| JX-16-PP  | J EXTENSION WIRE 16awg solid, PVC jackets                | \$0.50 /foot |
| JX-20-PP  | J EXTENSION WIRE 20awg solid, PVC jackets                | \$0.28 /foot |

|           |                                                       |              |
|-----------|-------------------------------------------------------|--------------|
| K-16-CFCF | K T/C WIRE 16awg solid, ceramic fibre jackets         | \$3.10 /foot |
| K-16-HGHG | K T/C WIRE 16awg solid, high temp glass jackets       | \$1.02 /foot |
| K-20-GG   | K T/C WIRE 20awg solid, glass jackets                 | \$0.54 /foot |
| K-20S-GG  | K T/C WIRE 20awg stranded, glass jackets              | \$0.81 /foot |
| K-20S-TT  | K T/C WIRE 20awg stranded, teflon jackets             | \$0.70 /foot |
| KK-20-GG  | K special accuracy T/C WIRE 20awg solid, glass jacket | \$0.62 /foot |
| KKN-16    | K special accuracy T/C NEG WIRE 16awg solid. bare     | \$0.44 /foot |
| KKN-18    | K special accuracy T/C NEG WIRE 18awg solid, bare     | \$0.24 /foot |
| KKN-20    | K special accuracy T/C NEG WIRE 20awg solid. bare     | \$0.18 /foot |
| KKP-16    | K special accuracy T/C POS WIRE 16awg solid, bare     | \$0.46 /foot |
| KKP-18    | K special accuracy T/C POS WIRE 18awg solid. bare     | \$0.26 /foot |
| KKP-20    | K special accuracy T/C POS WIRE 20awg solid, bare     | \$0.20 /foot |
| KN-20S-G  | K T/C NEG WIRE 20awg stranded, glass jacket           | \$0.33 /foot |
| KP-20S-G  | K T/C POS WIRE 20awg stranded, glass jacket           | \$0.35 /foot |
| KX-16-TT  | K EXTENSION WIRE 16awg solid, teflon jackets          | \$1.02 /foot |

|              |                                                            |              |
|--------------|------------------------------------------------------------|--------------|
| RSX-16S-GG   | R / S EXTENSION WIRE 16awg stranded, glass jackets         | \$0.73 /foot |
| RSX-16S-HGHG | R / S EXTENSION WIRE 16awg stranded, hi temp glass jackets | \$1.06 /foot |

|           |                                                            |              |
|-----------|------------------------------------------------------------|--------------|
| T-20S-P   | T T/C WIRE 20awg stranded, PVC jackets                     | \$0.46 /foot |
| T-20S-TAT | T T/C WIRE 20awg stranded, teflon jackets, aluminum shield | \$0.80 /foot |
| T-20S-TT  | T T/C WIRE 20awg stranded, teflon shield                   | \$0.66 /foot |
| TN-16-T   | T NEGATIVE 16awg T/C WIRE solid, teflon jacket             | \$0.48 /foot |
| TN-20S-T  | T NEGATIVE 20awg T/C WIRE stranded, teflon jacket          | \$0.30 /foot |
| TP-20S-T  | T POSITIVE 20awg T/C WIRE stranded, teflon jacket          | \$0.22 /foot |

20% DISCOUNT WHEN YOU PURCHASE A FULL SPOOL (NORMALLY 1000 FEET)

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**CORE TEMPERATURE PROBES FOR SMOKE HOUSES****US DOLLARS****SINGLE SENSOR RTD's with TEFLON leads**

|                 |                                                            |          |
|-----------------|------------------------------------------------------------|----------|
| TS-MP-R-100-120 | Single RTD insertion, teflon handle & 10 ft teflon leads   | \$120.00 |
| TS-MP-R-100-160 | Single RTD insertion, teflon handle & 4 metre teflon leads | \$120.00 |
| TS-MP-R-100-180 | Single RTD insertion, teflon handle & 15 ft leads          | \$128.00 |
| TS-MP-R-100-240 | Single RTD insertion, teflon handle & 20 ft teflon leads   | \$136.00 |
| TS-MP-R-100-360 | Single RTD insertion, teflon handle, 30 ft silicone leads  | \$152.00 |

**SINGLE SENSOR RTD's with SILICONE leads**

|                   |                                                            |          |
|-------------------|------------------------------------------------------------|----------|
| TS-MP-R-100-120-S | Single RTD insertion, teflon handle & 10 ft teflon leads   | \$120.00 |
| TS-MP-R-100-160-S | Single RTD insertion, teflon handle & 4 metre teflon leads | \$120.00 |
| TS-MP-R-100-180-S | Single RTD insertion, teflon handle & 15 ft leads          | \$128.00 |
| TS-MP-R-100-240-S | Single RTD insertion, teflon handle & 20 ft teflon leads   | \$136.00 |
| TS-MP-R-100-360-S | Single RTD insertion, teflon handle, 30 ft silicone leads  | \$152.00 |

**DUPLEX SENSOR 2 WIRE RTD's for EUROPEAN HOUSES with TEFLON leads**

|                   |                                                               |          |
|-------------------|---------------------------------------------------------------|----------|
| TS-MP-R-100-D-160 | Duplex 2-wire insertion, teflon handle & 4 metre teflon leads | \$148.00 |
| TS-MP-R-100-D-192 | Duplex 2-wire insertion, teflon handle & 16 ft teflon leads   | \$153.60 |
| TS-MP-R-100-D-240 | Duplex 2-wire insertion, teflon handle & 20 ft teflon leads   | \$160.00 |
| TS-MP-R-100-D-360 | Duplex 2-wire insertion, teflon handle & 30 ft teflon leads   | \$176.00 |

**DUPLEX SENSOR 2 WIRE RTD's for EUROPEAN HOUSES with SILICONE leads**

|                                                                          |                                                                 |          |
|--------------------------------------------------------------------------|-----------------------------------------------------------------|----------|
| TS-MP-R-100-D-192-S                                                      | Duplex 2-wire insertion, teflon handle & 16 foot silicone leads | \$176.00 |
| •For other lengths add code -S and \$1.75 per foot to teflon lead prices |                                                                 |          |

**DUPLEX SENSOR 3 WIRE RTD's**

|                     |                                                               |          |
|---------------------|---------------------------------------------------------------|----------|
| TS-MP-R-100-D-3-120 | Duplex 3-wire insertion, teflon handle & 10 foot teflon leads | \$144.80 |
| TS-MP-R-100-D-3-160 | Duplex 3-wire insertion, teflon handle & 4 metre teflon leads | \$156.00 |
| TS-MP-R-100-D-3-180 | Duplex 3-wire insertion, teflon handle & 15 foot teflon leads | \$160.00 |
| TS-MP-R-100-D-3-240 | Duplex 3-wire insertion, teflon handle & 20 foot teflon leads | \$172.00 |
| TS-MP-R-100-D-3-360 | Duplex 3-wire insertion, teflon handle & 30 teflon foot leads | \$192.00 |

**THERMOCOUPLES**

|               |                                                       |          |
|---------------|-------------------------------------------------------|----------|
| TS-MP-T-J-240 | TYPE "J" insertion probe, with 20 foot silicone leads | \$112.00 |
| TS-MP-T-K-240 | TYPE "K" insertion probe, with 20 foot silicone leads | \$112.00 |

**EXTRA CODES**

|      |                                                    |         |
|------|----------------------------------------------------|---------|
| -392 | ISA 392 RTD instead of DIN 385 RTD add per element | \$20.00 |
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Jul 15, 2003

| <b>WET/DRY TEMPERATURE SENSORS for SMOKE HOUSES</b>                     |                                                            |  | <b>US DOLLARS</b> |
|-------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------|
| <b>SINGLE SENSOR RTD's</b>                                              |                                                            |                                                                                     |                   |
| TS-WD-R-100-120                                                         | Single RTD wet/dry probe, 10 ft teflon leads, 1/4" fitting |                                                                                     | \$101.60          |
| TS-WD-R-100-180                                                         | Single RTD wet/dry probe, 15 ft teflon leads, 1/4" fitting |                                                                                     | \$110.40          |
| TS-WD-R-100-240                                                         | Single RTD wet/dry probe, 20 ft teflon leads, 1/4" fitting |                                                                                     | \$119.20          |
| <b>DUPLEX SENSOR 2 WIRE RTD's for EUROPEAN HOUSES with TEFLON leads</b> |                                                            |                                                                                     |                   |
| TS-WD-R-100-D-120                                                       | Duplex 3-wire wet/dry, 10 ft teflon leads, 1/4" fitting    |                                                                                     | \$112.00          |
| TS-WD-R-100-D-180                                                       | Duplex 3-wire wet/dry, 15 ft teflon leads, 1/4" fitting    |                                                                                     | \$112.00          |
| TS-WD-R-100-D-240                                                       | Duplex 3-wire wet/dry, 20 ft teflon leads, 1/4" fitting    |                                                                                     | \$116.00          |
| TS-WD-R-100-D-360                                                       | Duplex 3-wire wet/dry, 30 ft teflon leads, 1/4" fitting    |                                                                                     | \$132.00          |
| <b>DUPLEX SENSOR 3 WIRE RTD's</b>                                       |                                                            |                                                                                     |                   |
| TS-WD-R-100-D-3-120                                                     | Duplex 3-wire wet/dry, 10 ft teflon leads, 1/4" fitting    |                                                                                     | \$120.00          |
| TS-WD-R-100-D-3-180                                                     | Duplex 3-wire wet/dry, 15 ft teflon leads, 1/4" fitting    |                                                                                     | \$120.00          |
| TS-WD-R-100-D-3-240                                                     | Duplex 3-wire wet/dry, 20 ft teflon leads, 1/4" fitting    |                                                                                     | \$132.00          |
| TS-WD-R-100-D-3-360                                                     | Duplex 3-wire wet/dry, 30 ft teflon leads, 1/4" fitting    |                                                                                     | \$156.00          |
| <b>THERMOCOUPLES</b>                                                    |                                                            |                                                                                     |                   |
| TS-WD-T-J-240                                                           | Type "J" wet/dry probe, 20 ft silicone leads, 1/4" fitting |                                                                                     | \$112.00          |
| TS-WD-T-K-240                                                           | Type "K" wet/dry probe, 20 ft silicone leads, 1/4" fitting |                                                                                     | \$112.00          |
| <b>EXTRA CODES</b>                                                      |                                                            |                                                                                     |                   |
| -392                                                                    | ISA 392 RTD instead of DIN 385 RTD add per element         |                                                                                     | \$25.00           |
| -10                                                                     | no compression fitting and 10" sheath decrease unit price  |                                                                                     | -\$10.00          |

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