



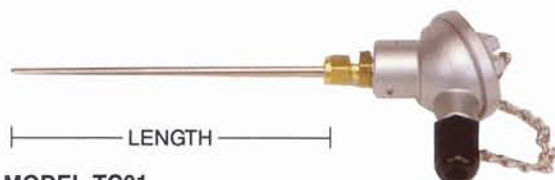
**I N S T R U M E N T S**

Established 1956

5/52 Vinnicombe Drive, Canning Vale WA 6155  
**PHONE:** (08) 9455 6777 **FAX:** (08) 9455 7711

## THERMOCOUPLES • RTD SENSORS • THERMOWELLS • EXTENSION CABLES

### EX-STOCK TEMPERATURE SENSORS / ACCESSORIES

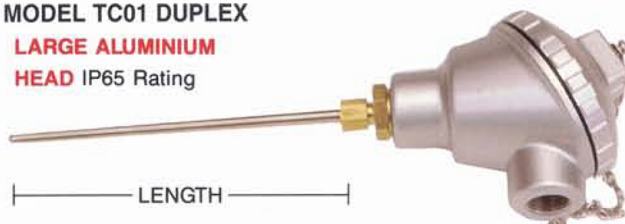


**MODEL TC01**

**SMALL ALUMINIUM HEAD** IP65 Rating  
Stainless Steel Sheath.

**MODEL TC01 DUPLEX**

**LARGE ALUMINIUM HEAD** IP65 Rating



**MODEL TC02P**

**RTD — FLEXIBLE TEFLON TAILS**



LENGTH 2000 mm

**MODEL TC03P, TC04P**

**RTD — HYGENIC WELDED FITTING**



LENGTH

Stainless Steel 1/2" x 1/2" BSP Connection suitable for Thermowell and large terminal head.

**MODEL TC05**

**MIMS THERMOCOUPLE BASIC**



LENGTH 150 mm PVC Tails

**MODEL TC07**

**MIMS THERMOCOUPLE LARGE PLUG**



LENGTH

| Part No.    | Calibration | Sheath Dia. | Length mm | Price Each |
|-------------|-------------|-------------|-----------|------------|
| TC01K010060 | K           | 6.0         | 100       |            |
| TC01K015060 | K           | 6.0         | 150       |            |
| TC01K020060 | K           | 6.0         | 200       |            |
| TC01K030060 | K           | 6.0         | 300       |            |
| TC01J010060 | J           | 6.0         | 100       |            |
| TC01J015060 | J           | 6.0         | 150       |            |
| TC01J020060 | J           | 6.0         | 200       |            |
| TC01J030060 | J           | 6.0         | 300       |            |
| TC01P010060 | RTD PT100   | 6.0         | 100       |            |
| TC01P015060 | RTD PT100   | 6.0         | 150       |            |
| TC01P020060 | RTD PT100   | 6.0         | 200       |            |
| TC01P030060 | RTD PT100   | 6.0         | 300       |            |

| Part No.   | Calibration | Sheath Dia. | Length mm | Price Each |
|------------|-------------|-------------|-----------|------------|
| TC01KK0150 | Duplex K    | 6.0         | 150       |            |
| TC01KK0300 | Duplex K    | 6.0         | 300       |            |

Custom lengths, sizes and calibration of all assemblies available made to order.

### RTD SENSORS

| Part No.    | Calibration | Sheath Dia. | Length mm | Price Each |
|-------------|-------------|-------------|-----------|------------|
| TC02P015045 | RTD PT100   | 4.5         | 150       |            |
| TC02P015060 | RTD PT100   | 6.0         | 150       |            |

| Part No.    | Calibration | Sheath Dia. | Length mm       | Price Each |
|-------------|-------------|-------------|-----------------|------------|
| TC03P010060 | RTD PT100   | 6           | 100             |            |
| TC03P015060 | RTD PT100   | 6           | 150             |            |
| TC03P030060 | RTD PT100   | 6           | 300             |            |
| TC04P005060 | RTD PT100   | 6           | Suit 50mm Well  |            |
| TC04P007560 | RTD PT100   | 6           | Suit 75mm Well  |            |
| TC04P010060 | RTD PT100   | 6           | Suit 100mm Well |            |
| TC04P015060 | RTD PT100   | 6           | Suit 150mm Well |            |
| TC04P020060 | RTD PT100   | 6           | Suit 200mm Well |            |

### THERMOCOUPLES

| Part No.    | Calibration | Sheath Dia. | Length mm | Price Each |
|-------------|-------------|-------------|-----------|------------|
| TC05K030030 | K           | 3           | 300       |            |
| TC05K060030 | K           | 3           | 600       |            |
| TC05K100030 | K           | 3           | 1000      |            |
| TC05K030060 | K           | 6           | 300       |            |
| TC05K060060 | K           | 6           | 600       |            |
| TC05K100060 | K           | 6           | 1000      |            |

| Part No.    | Calibration | Sheath Dia. | Length mm | Price Each |
|-------------|-------------|-------------|-----------|------------|
| TC07K030060 | K           | 6           | 300       |            |
| TC07K060060 | K           | 6           | 600       |            |
| TC07K100060 | K           | 6           | 1000      |            |

**QUALITY PRODUCTS PROUDLY MADE IN AUSTRALIA**



**INSTRUMENTS**

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## TERMINAL BLOCKS



| Part No. | Description                  | Price Each |
|----------|------------------------------|------------|
| TC192WSB | Small 2 Way Bakelite         |            |
| TC193WSB | Small 3 Way Bakelite         |            |
| TC192WLB | Large 2 Way Bakelite         |            |
| TC193WLB | Large 3 Way Bakelite         |            |
| TC194WLB | Large 4 Way Bakelite         |            |
| TC196WLB | Large 6 Way Bakelite         |            |
| TC19DINC | Spring Loaded Din Size 4 Way |            |



### SMALL ALUMINIUM HEAD

Process entry —  $\frac{3}{8}$ " BSP  
 Cable Entry — 16 mm  
 IP65 Rating

| Part No. | Price Each |
|----------|------------|
| TC20SAH  |            |



### BAKELITE TERMINAL HEAD

Process Entry —  $\frac{1}{2}$ " BSP  
 Cable Entry —  $\frac{1}{2}$ " BSP  
 Glass Reinforced 300°C Rated  
 IP65 Rating

| Part No. | Price Each |
|----------|------------|
| TC20GRBS |            |
| TC20GRBL |            |

Small  
Large



### LARGE TERMINAL HEAD

Accepts 40 mm & 33 mm Centre  
 Terminal Blocks and Transmitters  
 Process Entry —  $\frac{3}{4}$ " or  $\frac{1}{2}$ "  
 Cable Entry — 20 mm  
 IP65 Rating

| Part No. | Material                  | Price Each |
|----------|---------------------------|------------|
| TC20LAH1 | Aluminium $\frac{1}{2}$ " |            |
| TC20CIH1 | Cast Iron $\frac{1}{2}$ " |            |
| TC20LAH2 | Aluminium $\frac{3}{4}$ " |            |
| TC20CIH2 | Cast Iron $\frac{3}{4}$ " |            |

STAINLESS STEEL TERMINAL HEAD AVAILABLE



### INDUSTRIAL AIR SENSOR

RTD PT100  
 Will accept Head  
 Mounted Transmitter



| Part No. | Price Each |
|----------|------------|
| TC11PIND |            |



### ROOM AIR SENSOR

RTD PT100

| Part No. | Price Each |
|----------|------------|
| TC11PDOM |            |



### HEAD MOUNTED TRANSMITTERS

RTD Input PT100  
 4-20 ma Output  
 Operating Voltage — 12-40 VDC  
 Din Size and other ranges  
 Made to Order

| Part No. | Range °C   | Price Each |
|----------|------------|------------|
| TC12P1   | -50 to +50 |            |
| TC12P2   | 0 to 50    |            |
| TC12P3   | 0 to 100   |            |
| TC12P4   | 0 to 150   |            |
| TC12P5   | 0 to 200   |            |
| TC12P6   | 0 to 300   |            |



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**YM3 PLASTIC INDUSTRY**  
 C/W BF4 1/8" BSP Adaptor

Single Pin 1/8" BSP Adaptors



LENGTH

|         |       |  |
|---------|-------|--|
| TC08BF4 | 29 mm |  |
| TC08BF6 | 50 mm |  |
| TC08BF8 | 75 mm |  |

| Part No.  | Calibration | Diameter | Length mm | Price Each |
|-----------|-------------|----------|-----------|------------|
| TC08K1000 | K           | 4.5      | 1000      |            |
| TC08K1500 | K           | 4.5      | 1500      |            |
| TC08K2000 | K           | 4.5      | 2000      |            |
| TC08K3000 | K           | 4.5      | 3000      |            |
| TC08K4000 | K           | 4.5      | 4000      |            |
| TC08K6000 | K           | 4.5      | 6000      |            |
| TC08J1000 | J           | 4.5      | 1000      |            |
| TC08J1500 | J           | 4.5      | 1500      |            |
| TC08J2000 | J           | 4.5      | 2000      |            |
| TC08J3000 | J           | 4.5      | 3000      |            |
| TC08J4000 | J           | 4.5      | 4000      |            |
| TC08J6000 | J           | 4.5      | 6000      |            |

### BARRELL MELT ASSEMBLY

| Part No.  | Calibration | Diameter | Length mm | Price Each |
|-----------|-------------|----------|-----------|------------|
| TC09K0075 | K           | 3.0      | 75        |            |
| TC09K0150 | K           | 3.0      | 150       |            |
| TC09J0075 | J           | 3.0      | 75        |            |
| TC09J0150 | J           | 3.0      | 150       |            |



Adjustable immersion 1/2" UNF process thread.

## CONNECTORS



### LARGE PLUG ROUND PINS

|         |   |  |
|---------|---|--|
| TCMH10K | K |  |
| TCMH10J | J |  |



### LARGE SOCKET

|         |   |  |
|---------|---|--|
| TCMH20K | K |  |
| TCMH20J | J |  |



### MINI PLUG FLAT PINS

|          |   |  |
|----------|---|--|
| TCMH110K | K |  |
| TCMH110J | J |  |



### MINI SOCKET

|          |   |  |
|----------|---|--|
| TCMH120K | K |  |
| TCMH120J | J |  |



### PANEL MOUNTING LARGE SOCKET

|         |   |  |
|---------|---|--|
| TCMH32K | K |  |
| TCMH32J | J |  |



### PANEL MOUNTING MINI SOCKET

|          |   |  |
|----------|---|--|
| TCMH132K | K |  |
| TCMH132J | J |  |

## EXTENSION CABLE

**A** PVC/PVC Max 105°C



**B** PVC/Screened/PVC Max 105°C



**C** Fibreglass/Fibreglass Max 540°C



**D** Stainless Overbraided Fibreglass/Fibreglass Max 540°C Plus



| Part No. | Calibration | Conductor Size | Price/mtr |
|----------|-------------|----------------|-----------|
| TCKPP72  | K           | 7 x .2         |           |
| TCJPP72  | J           | 7 x .2         |           |

**A**

|           |   |         |  |
|-----------|---|---------|--|
| TCKPSP142 | K | 14 x .2 |  |
| TCJPSP142 | J | 14 x .2 |  |

**B**

|          |   |        |  |
|----------|---|--------|--|
| TCKGG120 | K | 20 AWG |  |
| TCJGG120 | J | 20AWG  |  |

**C**

|          |   |        |  |
|----------|---|--------|--|
| TCKGGB73 | K | 7 x .3 |  |
| TCJGGB73 | J | 7 x .3 |  |

**D**

Large range available of other insulations including Teflon, Armoured and PVC. Multipair Cables available in all calibrations.

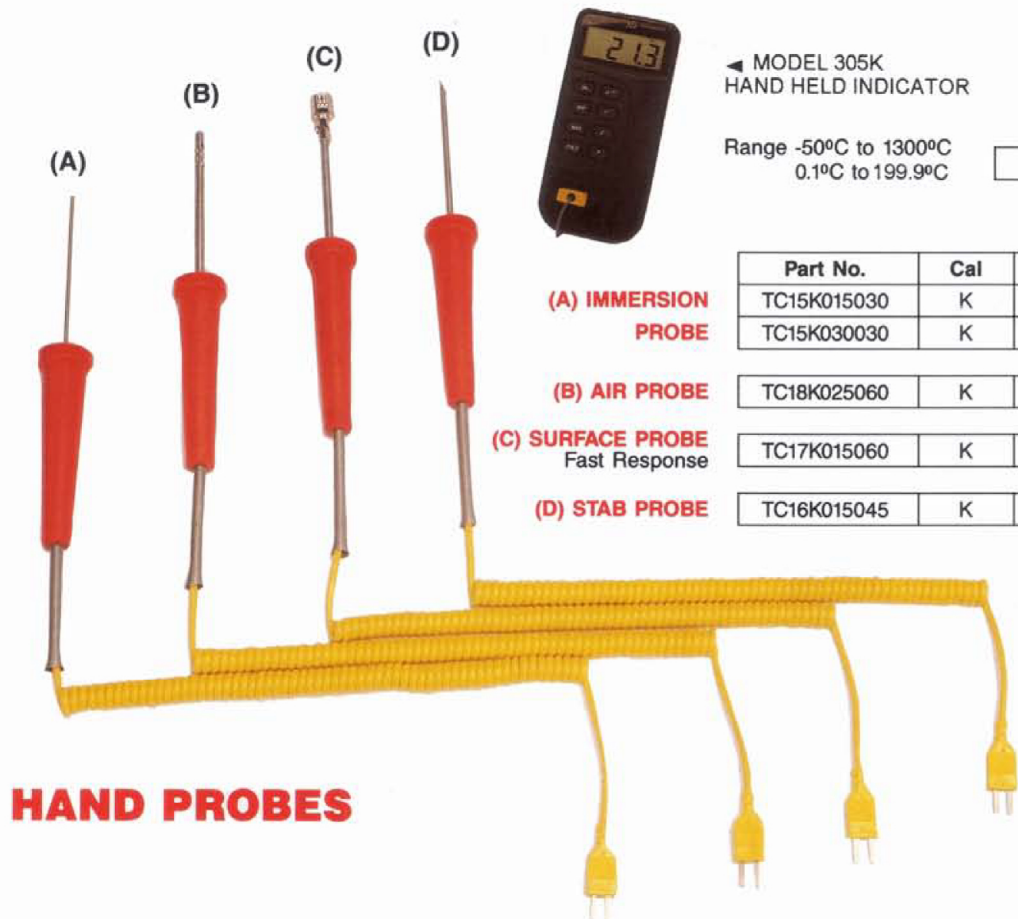
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MODEL 305K  
HAND HELD INDICATOR

Range -50°C to 1300°C  
0.1°C to 199.9°C

|        |   |  |
|--------|---|--|
| TC305K | K |  |
|--------|---|--|

(A) IMMERSION  
PROBE

| Part No.    | Cal | Dia. | Length | Price Each |
|-------------|-----|------|--------|------------|
| TC15K015030 | K   | 3.0  | 150    |            |
| TC15K030030 | K   | 3.0  | 300    |            |

(B) AIR PROBE

|             |   |   |     |  |
|-------------|---|---|-----|--|
| TC18K025060 | K | 6 | 250 |  |
|-------------|---|---|-----|--|

(C) SURFACE PROBE  
Fast Response

|             |   |    |     |  |
|-------------|---|----|-----|--|
| TC17K015060 | K | 15 | 150 |  |
|-------------|---|----|-----|--|

(D) STAB PROBE

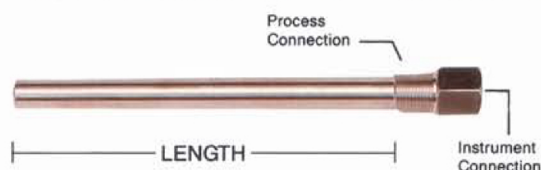
|             |   |     |     |  |
|-------------|---|-----|-----|--|
| TC16K015045 | K | 4.5 | 150 |  |
|-------------|---|-----|-----|--|

\* 2 metre curly cord and  
mini plug standard

Custom length, sizes and  
calibration of hand probes  
available made to order.

## HAND PROBES

## THERMOWELLS — BAR STOCK MACHINED 316 STAINLESS STEEL



Internal Bore 6.5 mm  
External Diameter 16 mm  
Parallel Design  
Taper, Stepped and Flanged  
Design Made to Order.

| Part No. | Instrument Connection | Process Connection | Length | Price Each |
|----------|-----------------------|--------------------|--------|------------|
| TC130050 | 1/2" BSPP             | 1/2" BSPT          | 50     |            |
| TC130075 | 1/2" BSPP             | 1/2" BSPT          | 75     |            |
| TC130100 | 1/2" BSPP             | 1/2" BSPT          | 100    |            |
| TC130150 | 1/2" BSPP             | 1/2" BSPT          | 150    |            |
| TC130200 | 1/2" BSPP             | 1/2" BSPT          | 200    |            |
| TC140050 | 1/2" BSPP             | 3/4" BSPT          | 50     |            |
| TC140075 | 1/2" BSPP             | 3/4" BSPT          | 75     |            |
| TC140100 | 1/2" BSPP             | 3/4" BSPT          | 100    |            |
| TC140150 | 1/2" BSPP             | 3/4" BSPT          | 150    |            |
| TC140200 | 1/2" BSPP             | 3/4" BSPT          | 200    |            |

## COMPRESSION FITTINGS



Brass



316 Stainless Steel

Chrome Flange  
Suit 6 mm Probes



TC24CF

| Part No.  | Material  | Tube Size | Thread   | Price Each |
|-----------|-----------|-----------|----------|------------|
| TC22B1430 | Brass     | 3.0       | 1/4" BSP |            |
| TC22S1430 | Stainless | 3.0       | 1/4" BSP |            |
| TC22B1445 | Brass     | 4.5       | 1/4" BSP |            |
| TC22S1445 | Stainless | 4.5       | 1/4" BSP |            |
| TC22B1460 | Brass     | 6.0       | 1/4" BSP |            |
| TC22S1460 | Stainless | 6.0       | 1/4" BSP |            |
| TC22B1260 | Brass     | 6.0       | 1/2" BSP |            |
| TC22S1260 | Stainless | 6.0       | 1/2" BSP |            |

**NOTES:** All prices subject to change without prior notice.  
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