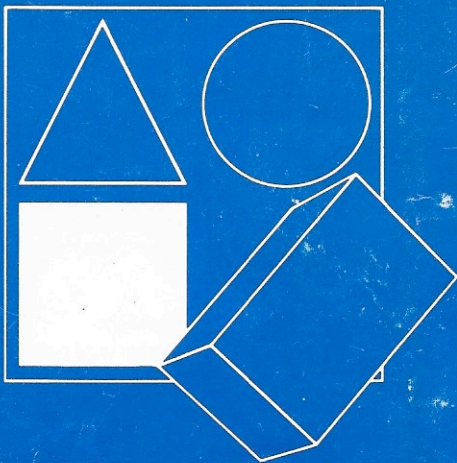


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OPERATING  
INSTRUCTIONS

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3000 Series



## MODELS

3200

3202

3204

3208

3218

3228

### Battery Insertion

Detach battery compartment cover by removing screw from rear of instrument, and lifting at the appropriate place. Connect one MNI 1604 (PP3—9 volts) battery and lie on insulation pad. Refit compartment cover.

### Sensor:

**3200, 3202, 3208, 3218, 3228.**

Type K miniature thermocouple plug BS 4937 (two required for differential 3202).

**3204** PT 100  $\Omega$  platinum resistance to BS 1904 DIN 43760 4 wire system.

### Instrument Operation

Insert probe plug into the socket at the top of the instrument, ensuring correct polarity is observed. Apply probe to substance to be measured and operate instrument as follows:

**Model 3200:** Depress rocker bar marked ● for on and ○ for off. Once rocker bar has been depressed temperature will be displayed in  $^{\circ}\text{C}$ .

**Model 3202:** Select A—B for differential reading, display indicates ▲. Select A for direct A temperature. Select resolution  $1^{\circ}\text{C}$  or  $0.1^{\circ}\text{C}$ .

**Model 3204, 3208:** Once instrument is operational select either  $1^{\circ}\text{C}$  or  $0.1^{\circ}\text{C}$  resolution as required.

**Model 3218:** The option of reading in  $^{\circ}\text{C}$  or  $^{\circ}\text{F}$  is available by depression of rocker bar in relevant position. ( $^{\circ}\text{C}$  or  $^{\circ}\text{F}$  is automatically shown on the display).

**Model 3228:** The following facilities can be selected by depressing the relevant rocker bar.

Resolution	$1^{\circ}$	$0.1^{\circ}$
Reading	$^{\circ}\text{C}$	$^{\circ}\text{F}$
Hold Reading	▲	
Clear Display Hold		△

### Backlight

The backlight will operate when the ● button is continuously pressed.