

# Thermocouple Selector

## Model 740

For those customers wishing to be able to purchase a system complete with thermocouple cold junctions and selector switch, Isotech have designed the Model 740 Thermocouple Selector.

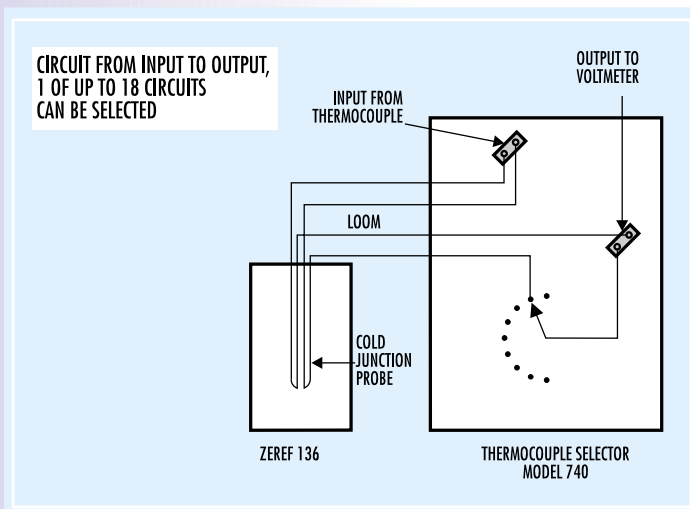
It is housed in an attractive case and stands next to the Zeref, Model 700 enabling 1 of up to 18 thermocouples to be selected.

The Model 740 Thermocouple Selector Switch acts in conjunction with the Zeref Ice Point Reference Unit to give a complete thermocouple referencing system.

Up to 18 thermocouples can be accommodated on the top of the Selector, by Klippon terminals, standard or miniature thermocouple sockets, or a combination of all three. The sockets or Klippon terminals are connected via looms to cold junction probes which fit into a Zeref Type 136, (see page 14).

Any type of thermocouple, or combination of thermocouples, can be referenced if specified at the time of ordering.

From the Zeref, the referenced outputs of the thermocouples return to the Thermocouple Selector and are presented via the highest quality thermocouple switch available to two output terminals which can then be connected to a microvolt measuring device.



*Ideal for Laboratory  
Simple to Use  
Less than 1.5 $\mu$ V Switching Errors*

Model No.	740
Dimensions	Height 325mm (including switch) Width 200mm Depth 350mm
Weight	4.5kg nett

**Switch:** less than 0.001  $\Omega$  resistance. Maximum 1.5 microvolts error on fast switching

**Looms:** 815mm long, made of premium grade thermocouple wire

#### How to order

**Model 740** Thermocouple Selector.

Please specify the number and types of thermocouples to be switched (up to 18) and connector type. i.e.. Miniature sockets, standard sockets, or klippon terminals.

