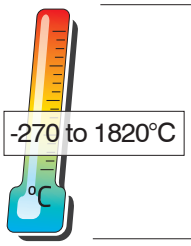


Channel Expander
millisKanner

- Expands milliK to a maximum of 33 Channels
- Supports SPRTs, PRTs, Thermistors and Thermocouples
- Universal Inputs for Flexibility

The millisKanner channel expander has eight input channels, and each can be configured individually for SPRT, PRT, Thermistor or Thermocouple input. This gives ultimate flexibility with no need for separate devices for resistance or thermocouple inputs. A maximum of four devices can be added to the milliK providing 33 sensor inputs as well as the 4 - 20mA Process Input.

With no loss of accuracy and total flexibility a milliK system can be configured to suit a wide range of reference thermometers and units under test. This adaptable system saves on cost with no need for separate dedicated expansion modules and the flexibility maximises the usefulness of each channel.

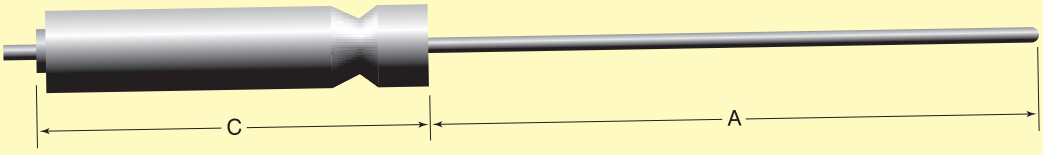
A solid state design avoids mechanical relays and provides high reliability. The inputs are isolated with galvanic isolation between the contacts and the PSU and also from the control circuitry which allows for better measurements and lower noise.

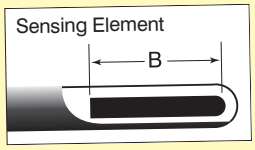
The millisKanner is controlled from the milliK with plug and play operation.

For use as a standalone switch for PRTs, the device has UP / DOWN touch buttons or can be operated via RS232. The temperature of the input thermocouple connectors can be read directly over RS232 to facilitate reference junction compensation.

Model	millisKanner	Max devices per milliK	4
Channels	8	Power	5V DC at 100mA (mains power supply provided)
Channel Indication	LED	CJC Sensor	Digital
Input Connectors	Terminal Post, accepts 4mm plugs, spades and bare wires Miniature Thermocouple Sockets	Size	255 x 255 x 80mm
		Weight	2.3kg
Control	Automatic: Plug and Play from the milliK Manual: UP / DOWN buttons or RS232		

■ **Recommended** Probes (Fit milliK Case)





Model	Maximum Range	Diameter	Length (A)	Sensing Length (B)	Handle (C)	Cable	Application
935-14-61/TTI	-50°C to 250°C	4mm	300mm	6mm	19 x 120mm	2m PTFE	Fast Response, Low Stem Conduction
935-14-116/TTI	-100°C to 450°C	6mm	350mm	25mm	19 x 120mm	2m PTFE	General Purpose

For further options and details, see Reference Probes - Semi Standards, in Isotech catalogue Volume 2 or online.
For laboratory standard thermometers we recommend for SPRTs the Isotech Model 909Q and for thermocouples the Model 1600 Type R, see Catalogue 1: Solutions from Primary & Secondary Laboratories.