

DATASHEET

millisKanner

Isotech

Distributed by AKRIBIS





-270 to 1820°C

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.

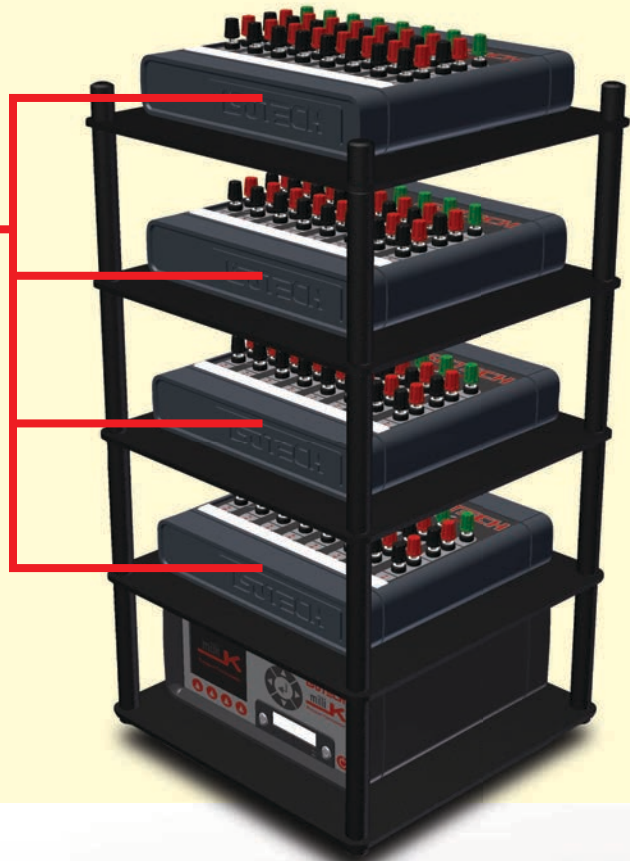


UKAS Calibration available for these systems - *International Traceability - Best Practice*

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
Control	Automatic: Plug and Play from the milliK Manual: UP / DOWN buttons or RS232	Weight	2.3kg

UP TO
x4
expandable

- Add up to 4 milliskanners
- Expand to a maximum of 33 Channels
- Same Accuracy - no loss in performance
- No Need for Multiple Modules - each channel can be selected for 3 or 4 Wire PRTs, SPRTs, Thermocouples or Thermistors



*milliskanner
shown here
with milliK,
order separately*

<http://www.isotech.co.uk>