

# Jandel Engineering Limited



## Jandel HM21 test unit

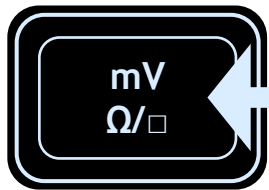
*Polytec* offers the HM21 for use in making four point probe measurements. The HM21 has six constant current settings between 100nA and 10mA, and measures voltages from 0.01mV to 1250mV.

For sheet resistance measurements, the quoted range is 1 ohm/square to 10 Megohms/square. Measurements outside this range are possible, but with potential reduced accuracy.

For volume (bulk) resistivity measurements, the quoted range is 10 milliohm.cm to 10 Kohm.cm. Measurements outside this range may be possible, but will depend on the type of sample e.g whether the sample is a thin layer.

Measurement range	1 ohm/square - 10 Megohms/square, 10 mohm.cm - 10 Kohm.cm
Units	mV ohm/square
Onboard memory	50 measurements
Software	For operation and data control. Supplied free of charge
Current	100nA - 10mA. Reversible to verify contact and measurement
Accuracy	0.5% across range against resistors, better than 0.2% in mid range
Connections	USB

### Unit selection



Easy unit  
selection

Measurements can be displayed on screen as mV, or ohms/square.

### Computer connection and software

The HM21 can be connected to computer by USB connection. The customer can operate the unit using the computer keyboard, terminal emulation software such as HyperTerminal, or with the free software provided.

*If you require any further information on the Jandel HM21 test unit, please do not hesitate to contact us using the details below.*