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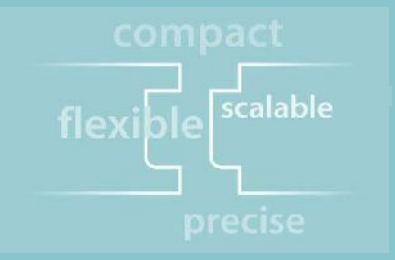
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Find the *Agilent / PXIT PX2000-331* at our website: *Click HERE*

Leakage Test Module

Model Number: **PX2000-331**

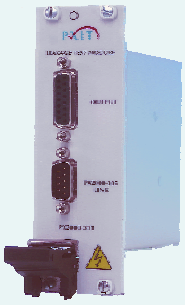


The PX2000-331 is a Leakage test module compatible with the PXI format.

It provides a programmable voltage source and current measurement. The unit also has programmable 'current limit' and voltage 'read-back ' functions allowing 'breakdown' voltage to be measured. It is optimised for speed for use in high throughput applications.

It is typically deployed in conjunction with the PX2000-305 Module (Source Current / Measure Voltage).

Features



- Sensitive current ranges for accurate leakage measurements
- Up to 200V source for accurate breakdown measurements
- Fully compatible with PXIT Current Source/Measure module.
- Internal switching for fast sequencing of forward, reverse and breakdown test modes
- Small footprint

Applications

- Leakage and breakdown testing of semiconductor diode junctions including LEDs and Lasers.
- High speed wafer test
- Low Current Constant Voltage Source Applications

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Specifications

Parameter	Specification
Output Polarity	Unipolar output with switching to allow inversion of the output. All input/output signals are fully floating with respect to chassis ground
Voltage Stimulus	(2-wire)
Ranges	0 – 10V, 0 – 200V
Accuracy	±0.5% ±0.025%FS
Maximum Current	5mA
Regulation	Closed Loop PID
Voltage Read-back	(for stimulus verification only)
Ranges	0 – 10V, 0 – 200V
Accuracy	±0.1% ±0.025% FS
Current Measurement	
Ranges	0 – 1 µA, 0 – 100 µA, 0 - 5mA
Accuracy	±1%, ±0.5%, ±0.2% all ±0.025% FS
Current Compliance	
Ranges	0 – 100µA, 0 – 5mA
Accuracy	±5% ±0.025% FS

ORDER CODES

PX2000-331 **Leakage Test Module**

PXIT is a sponsor member of the PXI Systems Alliance. For more details please visit the Systems Alliance web site at WWW.PXISA.ORG

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