Keysight U1401B Handheld Multi-Function Calibrator/Meter
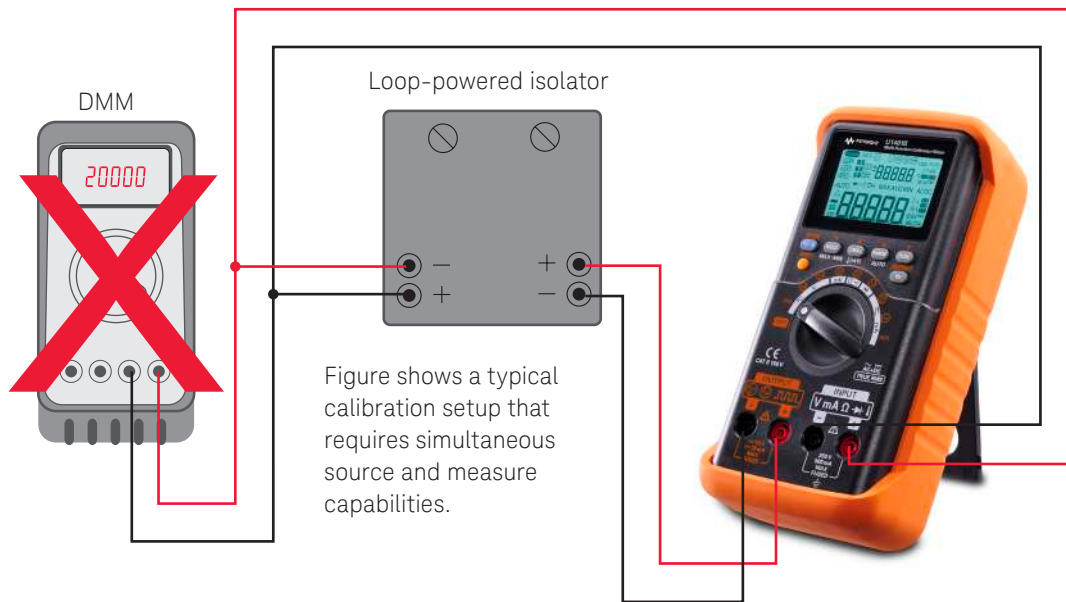
Calibrate while you measure with just one tool

More often than not, the calibration of process control parts requires simultaneous measurements with a DMM. Carry two tools in one - and calibrate while you measure — with the Keysight Technologies, Inc. handheld multi-function calibrator/meter.

Keysight is now offering its latest calibrator/meter, the U1401B — in all-new bright orange!

You don't need a separate DMM
- Travel easy with just one tool
- Rugged with 3-year warranty
- Affordable and multi-functional

DMM

Loop-powered isolator

Figure shows a typical calibration setup that requires simultaneous source and measure capabilities.

Key specifications

Source	
Voltage and current	Bipolar 15 V, 25 mA
Square-wave	0.5 Hz to 4.8 kHz
Auto scan and ramp	Yes, user-defined
Measure	
DC, AC, AC+DC	250 V, 500 mA
Resistance	500 Ω to 50 MΩ
Temperature	K-type TC −40 °C to 1372 °C (−40 °F to 2502 °F)
Frequency	200 kHz
Diode/Continuity	Yes
Record	
Data logging to PC	Manual and auto
Min/Max/Average	Yes
Hold	Yes
Others	
Display	Dual, segmented LCD
Power	Ni-MH rechargeable batteries
Safety	CAT II 150 V
Warranty	3 years

KEYSIGHT
TECHNOLOGIES

Take a closer look

Robust protective holster

Dual display with backlight

4-20 mA and 0-20 mA percentage scale readout

Hold and min/max/ average recordings

Built-in battery-charging capability

Easy function access through intuitive buttons and rotary switch

Bipolar voltage and current, square-wave, auto scan and ramp

Voltage, current, resistance, temperature, frequency, pulse width, duty cycle, diode and continuity

Simultaneous source and measure

Three-Year Warranty

www.keysight.com/find/ThreeYearWarranty

Keysight's commitment to superior product quality and lower total cost of ownership. The only test and measurement company with three-year warranty standard on all instruments, worldwide.

Keysight Assurance Plans

www.keysight.com/find/AssurancePlans

Up to five years of protection and no budgetary surprises to ensure your instruments are operating to specification so you can rely on accurate measurements.

Ordering information

Handheld multi-function calibrator/meter

U1401B

Standard shipped items for U1401B

– Quick Start Guide
– Certificate of Calibration (CoC)
– Calibrator/Meter standard test lead kit
– Yellow test lead for mA simulation
– Protective holster
– Rechargeable battery pack
– AC power adapter and cord (according to country)

Optional accessories

U5481A IR-to-USB cable

U1186A K-type thermocouple and adapter

– U1181A immersion temperature probe
– U1182A industrial surface temperature probe
– U1183A air temperature probe

KEYSIGHT
TECHNOLOGIES