DRANETZ
BMI

Safety and Accuracy - The Perfect Combo

| PRO | XTRA | PL 10 | ULTRA | OUTDOOR |

The Dranetz-BMI series of DranTech digital meters and data loggers come with the patented automatic blocking safety (ABS) connector jacks* and IP 52* to even IP-65 water resistant protection to prevent accidentally damaging the meter or injuring yourself while making 600V CAT IV and 1000V CAT III voltage* and current measurements. Safety plus exemplary technology with the highest resolution of handheld multimeters on the market, 60,000 counts* or more (1,200,000), auto-ranging current measurements from 10nA to 10A*, extra large display characters with analog bar graphs on a large light-blue illuminated display of the 23 or more functions.

These are the perfect tools for measuring power systems for balancing loads, energy efficiency measurement, electronic circuit analysis, and equipment tests, even with highly distorted signals such as adjustable speed drives. With the help of DranWIN software, momentary or stored measurement data acquired with DranTech multimeters can be read out, visualized, analyzed, stored and documented, and the measuring functions and ranges which are available for the position to which the function selector switch is currently set can be remotely controlled.

* Refer to specification sheet on reverse side which ratings are appropriate for each model

Features	PRO	XTRA	PL10	ULTRA	OUTDOOR
Basic dc volts accuracy %	0.05	0.05	0.025	0.004	0.05
Bandwidth	50kHz	100kHz	100kHz	100kHz	100kHz
Maximum Display Counts* (+/-)	60,000	60,000	310,000	1,200,000	12,000
True RMS Volts ac/dc	1000V	1000V	600V	600V	1000V
True RMS Current ac/dc*	10A (16A)	10A (16A)	10A (16A)	100mA	10A (16A)
CAT II/III 600V *	---	---	CAT III	CAT III	---
CAT II/III 1000V *	CAT III	CAT III	---	---	CAT III
CAT IV 600V *	CAT IV	CAT IV	---	---	CAT IV
Ohms	Yes	Yes	Yes	Yes	Yes
Audible Continuity	Yes	Yes	Yes	Yes	Yes
dBs	Yes	Yes	Yes	---	---
Frequency	100kHz	1MHz	300kHz	100kHz	100kHz
Precision MilliOhm Measurement	---	---	---	Yes	---
Capacitance	Yes	Yes	Yes	---	Yes
Diode Test	Yes	Yes	Yes	---	Yes
Temperature	Yes	Yes	Yes	Yes	Yes
Offset Rel/Ref	Yes	Yes	Yes	Yes	Yes
Min/Max	Yes	Yes	Yes	Yes	Yes
Hold	Yes	Yes	Yes	Yes	Yes
Auto/Manual Ranging	Yes	Yes	Yes	Yes	Yes
Analog Bar Graph	Yes	Yes	---	---	Yes
Triple Display	---	---	Yes	Yes	---
Backlight	Yes	Yes	---	---	Yes
Power and Energy Measurements	---	---	Yes	---	---
Voltage Disturbance Recording	---	---	Yes	---	---
Memory for Datalogging	---	540kB	128kB	128kB	540kB
IR-Interface for USB Data Transfer	Yes	Yes	Yes	Yes	Yes
Low Pass filter 1KHz	Yes	Yes	---	---	Yes
AC Power Supply Adapter	---	Yes	Yes	Yes	Yes
Housing Protection	IP52	IP52	IP50	IP50	IP65
Change Fuse & Bat w/o opening	Yes	Yes	---	---	Yes
ABS Patented Connections*	Yes	Yes	Yes	---	Yes
Kelvin Connection, 4-wire measurement	---	---	---	Yes	---
Calibration Certificate	Yes	Yes	Yes	Yes	Yes

Specifications are subject to change without notice. Refer to specific product's User's Guides for detailed specifications.

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