

Digital MultiMeter TG451DL • TG452DL



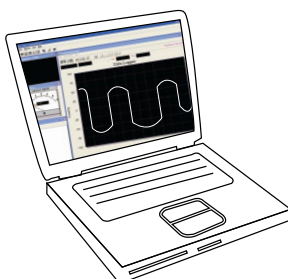
Features

- 6000 counts Large LCD display
- ACV/DCV & current: 1000V , 10A
- “Insertion Error Check” warning system
- EF Detection (non-contact voltage)
- Fully Auto-ranging, Data Hold, Relative Zero Mode
- Ohm, Diode, Line Level & Logic Level
- Frequency measurement
- 24 Segment Analog Bar-graph
- Hand free Magnetic Hanger
- Conductivity , Capacitance and Temperature
- Auto-check (Automatic DCV,ACV & Ohm selection) (TG452DL Only)
- Peak Hold (crest) Max/Min readings (TG452DL Only)
- Lo-Z Volts to Drain Ghost Voltage (Auto-check) (TG452DL Only)
- True RMS AC Conversion (TG452DL Only)
- Back-Lighted LCD Display (TG452DL Only)
- Record Max / Min. Readings (TG452DL Only)

Option:

Meter-View Communication Kit

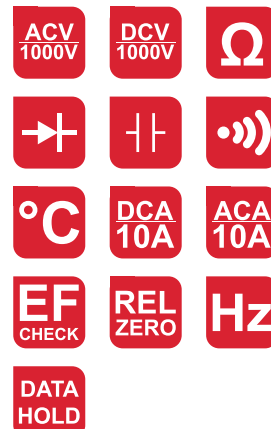
- Support RS232 or USB connection
- Real Time Data Logging
- Software support Windows System



Meter-View PC Data Logging Software



TG451DL



TG452DL



GEAR TECHNOLOGY

Safety Approvals: **CE**
 Meets IEC61010-1
 CAT II 600V / CAT III 300V

Made in Taiwan

Electrical Specification:

Features	Range	Condition	TG451DL Accuracy	TG452DL Accuracy
DC Voltage	0~60mV		0.4%+5d	0.4%+5d
	60mV~1000V		0.2%+3d	0.2%+3d
AC Voltage	0~1000V		1.0% + 5d	1.0% + 5d
AutoCheck DCV	1.000~1000V			1.3% + 3d
AutoCheck ACV	1.000~1000V			1.4% + 5d
Resistance	600.0Ω, 6.000KΩ,		0.5%+4d	0.5%+4d
	60.00KΩ, 600.0KΩ		0.5%+4d	0.5%+4d
	6.000MΩ		0.7%+4d	0.7%+4d
	60.00MΩ		1.2%+4d	1.2%+4d
AutoCheck Ohm	00.00Ω ~ 60.00MΩ			1.2%+10d
Diode Test	1.0V		1.0% + 3d	1.0% + 3d
Capacitance	60.00nF, 600.0nF		2.0%+5d	2.0%+5d
	6.000μF, 60.00μF, 600.0μF		1.5%+5d	1.5%+5d
	3000μF		2.0%+5d	2.0%+5d
Temperature	-50°C ~ 1000°C		0.3% +3d	0.3% +3d
	-58°F ~ 1832°F		0.3% + 6d	0.3% + 6d
DC Current	0 ~ 600.0mA		0.5%+5d	0.5%+5d
	600.0mA ~ 6A		1.2%+6d	1.2%+6d
	6A ~ 10A		1.8%+6d	1.8%+6d
AC Current	0 ~ 600.0mA		1.0%+3d	1.0%+3d
	600.0mA ~ 6A		1.2%+6d	1.2%+6d
	6A ~ 10A		1.8%+6d	1.8%+6d
EF Detection	20V (10V ~ 36V)	Bar Graph Indication	-	-
	55V (23V ~ 83V)		--	--
	110V (59V ~ 165V)		---	---
	220V (124V ~ 330V)		----	----
	440V (250V ~ 1000V)		-----	-----
Hz (Logic Level)	5.00 Hz ~ 1.000 MHz	Square wave 3 ~ 5V	0.03%+2d	0.03%+2d
Hz (Line Level)	0V ~ 1000V	ACV , DCV	0.03%+3d	0.03%+3d
	0μA ~ 10A	Current	0.03%+3d	0.03%+3d