Test&Measurement



Digital Multimeter DM7560



High accuracy and sample rate

Main features

- High resolution up to 6¹/₂ digits
- Full-color, high-resolution display with flexible display formats
- High-speed data logging with up to 30 k points per second
- High-capacity internal memory up to 100 k points
- Trend/histogram analysis available both in real-time and
- Multiple PC interface options (USB, Ethernet, GP-IB, RS-232) enable automation

Application examples

- Monitoring battery current
 Voltage reference testing consumption
- · Sensor testing
- Production testing

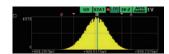
Flexible display formats



Trend display (show variation in time)



Arc scale meter display (An intuitive indicator)



Histogram display (shows variation in distribution)



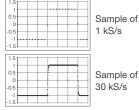
Judgment result display

High-speed data logging-Maximum 30 kS/s

In bulk mode, data can be logged to the internal memory with high sample rates of up to 30 kS/s.* Data logged to the internal memory can be copied to USB memory device and analyzed on the PC.

*When DCV, DCI, 2 W Ω , 4 W Ω functions.

Setting the DM7560 to 30 kS/s enables users to see the details of a 10 ms pulse width on a 2 Vpp measurement.



Fast signal change can be measured exactly with high sampling rate.

Histogram display-Yield rate measurement

By setting upper and lower limit values as the cursor position on the histogram display, users can display the number of data, ratio to whole data (%) and yield rate.

*In the figure below, the green lines are the upper/lower limits. The yield rate is 81.2%

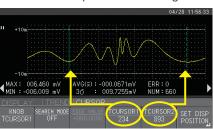


Trend chart-Time trend analysis

In the trend chart, statistic data in a specified time range can

be calculated.

*Statistical data such as the MAX/MIN/AVG of a cursor-specified range is calculated automatically.



Model and Suffix code

Model	Suffix cod	€		Description
DM7560				Digital Multimeter
Supply voltage	-1 -3 -6 -8			100 VAC, 50/60 Hz 115 VAC, 50/60 Hz 220 VAC, 50/60 Hz 240 VAC, 50/60 Hz
Power cord	-D -F -R -Q -H -N			UL/CSA standard, PSE compliant VED Standard AS Standard BS Standard GB Standard NBR Standard
Options		/C1 /C2	/CMP	GP-IB Interface* LAN & RS-232 Interface* DIO Interface

Standard accessories: Power cord, user's manuals (1 set), Spare fuses (2), Test lead (1 set)

Precision Making

Test&Measurement



Arbitrary/ **Function Generator** FG410(1 CH) FG420 (2 CH)



Acquire signal noise in the field, and then recreate it in the lab

Main features

- 0.01 µHz to 30 MHz
- 20 Vp-p output
- 1 or 2 channels output
- Intuitive operation with a 3.5-inch LCD screen
- Arbitrary waveform generation
- Synchronize up to 6 units to provide up to 12 output channels
- A variety of sweeps and modulations

Easily generate basic, application specific and arbitrary waveforms

Sine 0.01 uHz to



Frequency sweep



DC ±10 V/open



PWM



Pulse 0.01 µHz to 15 MHz, variable leading/trailing edge time



Trigger Burst Oscillation with the specified wave each time a trigger is received.



Ramp $0.01~\mu Hz$ to 5MHz, variable symmetry

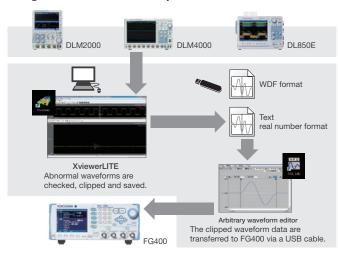


Gate Oscillation is done in integer cycles or half cycles while the gate is on.



Acquire signal noise in the field, and then recreate it in the lab

The user can reproduce waveforms acquired using an oscilloscope on a PC, check and clip abnormal waveforms and generate them as arbitrary waveforms.



Model	Suffix Code	Description	
FG410		Arbitrary/Function Generator: 1-Channel, 30 MHz	
FG420		Arbitrary/Function Generator: 2-Channel, 30 MHz	
Power cord	-D	UL/CSA standard, PSE	
	-F	VDE standard	
	-R	AS standard	
	-Q	BS standard	
	-H	GB standard	
	-N	NBR standard	

Standard Accessories;

Power cord (1 set), User's manuals and application software (1 set)





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