



**Powerful.**  
**Compact.**  
**Affordable.**

## DG800 Pro Series

### Function/Arbitrary Waveform Generator

### Features

**50** MHz  
Sine Frequency

**16** bit  
Vertical Resolution

**625** MSa/s  
Max. Sample Rate



**8 Mpts/CH**(opt.)  
Max. Arb Length



**40 MHz**  
Square Frequency



**25 MHz**  
Pulse Frequency



**3 ns**  
Rise Time



**7 digits/s**  
Counter with 500MHz Bandwidth

### Benefits



#### Touch Screen

The 7-inch color touch screen allows you to configure dual-channel waveforms concurrently.



#### Compact Size

With its portable design and compact size, it saves valuable space on your bench. It has a light weight of 3.9 lbs with dimensions of 10.5 in (W) x 6.5 in (H) x 3.1 in (D).



#### Type-C InterFace

It can be powered by the mobile power banks via its USB-C power interface, supporting your testing requirements in the field.

#### Various Modulation Types

It provides various modulation types (AM, FM, PM, ASK, FSK, PSK, PWM, and SUM) for different application scenarios including communication principle experiment, motor control, and switch mode power supply.

#### Sequence Mode

The Sequence mode allows up to 64 steps and 256 repetition counts. This feature enables you to load many test cases to be performed sequentially at one time, switching from one test case to another seamlessly.

#### Harmonic Generator

The built-in harmonic generator (max. 20th order) provides a more accurate performance test method for devices like high-order filters and amplifiers.

#### Web Control

SCPI commands and Web Control function to control the instrument remotely.

## Applications

**Electrical & Electronic Experiments**

**System Integration**

**Field Test**

**Floating Ground Test**



US: [www.rigolna.com](http://www.rigolna.com)  
Canada: [www.rigolcanada.com](http://www.rigolcanada.com)