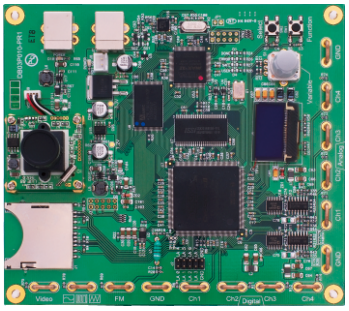
Oscilloscope Education And Training Kit



The GDB-03 training kit allows you to learn both the basic and the advanced functions of the GDS-3000 Series, GDS-2000A Series/GDS-2000E Series/MSO-2000 Series and GDS-1000B Series Digital Storage Oscilloscope (DSO). Following the training procedures of this training kit, you will quickly understand the basic operations of a DSO, and the unique features, which represents a typical hi-tech DSO today.

The training kit is a signal generator board capable of producing waveforms, which contain various real-life scenarios you might encounter. With the GDB-03 training kit and the included curriculums, you are able to acquire adequate knowledge in using a DSO with advanced features.

GDB-03



SPECIFICATIONS

SIGNAL OUTPUT

The GDB-03 provides
9 basic and 19 advanced oscilloscope training signals

BASIC OSCILLOSCOPE TRAINING

Lab 1 Connect and view a waveform
Lab 2 Compensate the probe (1kHz square wave)
Lab 3 Adjust waveform scale and position (square wave)
Lab 4 Measure the waveform by manual (square wave ; frequency counter, cursor measure)
Lab 5 Automatic measurement (GDB-03 including noise function ; auto measure, cursor getting measure)
Lab 6 VPO (VPO signal, color, gray mode)
Lab 7 Autoset function (Fit screen, AC priority)
Lab 8 Automatic range
Lab 9 Save data using hardcopy function

ADVANCE OSCILLOSCOPE TRAINING

Lab 1 Automatic measurement (gating measurement)
Lab 2 Using peak detect mode
Lab 3 Low speed signal measurement
Lab 4 Noisy signal measurement
Lab 5 Using zoom timebase function
Lab 6 Transient signal measurement
Lab 7 Lissajous waveform & phase measurement
Lab 8 Runt trigger
Lab 9 Video trigger
Lab 10 Rise & Fall trigger
Lab 11 Pulse width trigger
Lab 12 Hold off function
Lab 13 Split window 1
Lab 14 Split window 2
Lab 15 UART signal
Lab 16 I^2C signal
Lab 17 SPI signal
Lab 18 CAN signal
Lab 19 LIN signal

POWER SUPPLY

5V DC, USB or auxiliary power input

ORDERING INFORMATION

GDB-03 Oscilloscope Education And Training Kit

ACCESSORIES :
CD x 1
Singnal demo board with instructions
GTL-246 USB 2.0 A-B Type cable