

BenchScope: 22-300

World-thinnest Dual Channel Bench Top Digital Storage Oscilloscope

Bench Scope 20MHz at 100MS/s

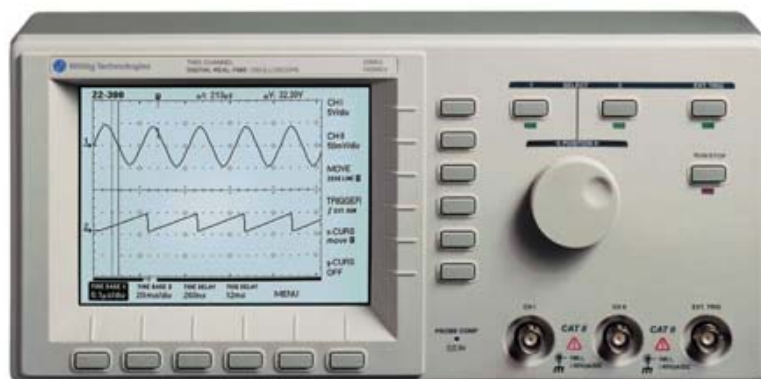
Connects to your PC and remote controlled via Internet

Stand-alone oscilloscope features:

- 100MSa/s Real time sampling per channel
- Pre-Trigger selectable
- Large 6" LC-Display
- Various intern/extern triggering
- Easy to use due to soft key design
- Simultaneous signal monitoring on PC screen
- Internet Remote Control

Options:

- PC Software V1.0 includes Serial Cable
- Signal Probes 1:1/10:1 60MHz



BenchScope Unit 22-300

LCD	320 x 240 dots, monochrome
Serial Interface	RS232, opto-isolated, 115KBaud, 8 data
Serial Cable	6 ft (with PC Software included)
Keyboard	16 function silicone keys, 1 rotary switch
Power Supply	90VAC to 240VAC
Operation Environment	Full accuracy from 0 to 40°C and 80% RH (non-condensing) at 30°C
Storage Environment	0° to 40°C
Certifications	CE, IEC1010
Channel	2 identical channels plus external trigger
Timebase 1	10ns (100MS/s) to 100ms/div
Timebase 2	10ns (100MS/s) to 100ms/div
	Second timebase to magnify recorded signal at post-trigger
Analog Bandwidth	DC – 20MHz
Coupling	AC/DC Channel 1 and 2
Input Impedance	Probe set to 1:1, 1MOhm/60pF Probe set to 1:10, 10MOhm/30pF
Sensitivity	1mV to 50V/div (10mV/div to 5V/div in [1,2,5] steps)

Max. Input Voltage	Without Probe max. 50Vpp With Probe max. 500Vpp
Resolution	8 Bit
Vertical Accuracy	±2%
Max. vertical Move	±5 divisions
Scope Modes	Normal and Single Shot
<u>True sampling rates</u>	
Normal	0.1 µs/div (100MS/s) to 100ms/div
Single shot	0.1 µs/div (100MS/s) to 100ms/div
Time Base Accuracy	>±0.5%
Trigger	Free Run or On Trigger intern or external (+/- Normal, LF Rej., HF Ref., TV and Line)
Trigger Source	Channel 1/2, negative or positive transition
Trigger Level	8 bit resolution
Trigger Delay	Anywhere within the Memory Depth
Memory Depth	512, 1K, 4K or 16KB samples/channel, selectable
Auto Setting	for Timebase Ch1/2, Input Voltage Ch 1/2
Firmware	vertical/horizontal cursors all parameter selectable by Master Unit or via PC attached, Numerical Measurement, trigger/zero level, cursors, select Keyboard click, cursors, grid, LCD back light, store recorded data, Auto-Setting, Scroll mode
PC Software	on 3.5" disk, running under Windows95/98/NT Internet remote-control function via Internet, Printing recorded data, Serial Data Protocol published, optional
Signal Probes	1:1/10:1 selectable, 4ft, max. 600V optional
Dimensions Module	300 x 138 x 60 mm
Weight	1.2 Kg
Operating Environment	Full accuracy from 0 to 40°C and 80% RH (non-condensing) at 30°C
Storage Environment	0 to 40°C
Certifications	CE, IEC1010