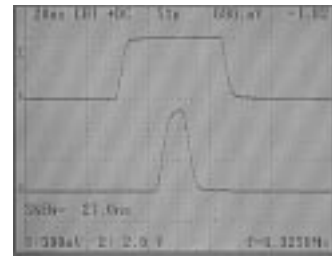## DS-8710 DC — 100 MHz, 2CH

The DS-8710 is a compact digital storage oscilloscope with a frequency bandwidth of DC – 100 MHz. Incorporating a high-contrast, high-brightness LCD, this scope can display varying waveforms at fast speeds.

■ **Minimum time resolution of 100 ps (Equivalent to 10 GS/s)**
■ **PCMCIA-standard card slot**

■ **High-speed waveform refresh function (approx. 90 times/sec.)**
■ **Quick auto set-up function**
■ **Powerful auto measurement function**

■ **Compact and light**
■ **Suitable for field maintenance**
■ **Backlit LCD for clear, bright screen**
■ **Large 8-kword memory**
■ **Automatic skew measurement enables observation of time difference between two channels**

■ **Automatic Vrms measurement of waveform effective values**

Major Specifications

	DS-8710
Display	High contrast LCD display, 320 dots x 240 dots (High brightness backlit EL)
Fastest sampling speed	20 MS/s, simultaneous on both channels
Input channel	2 channels (EXT triggering is available)
Sensitivity	2 mV/div – 5 V/div, 11 steps (1-2-5)
Frequency bandwidth	EQU: DC – 100 MHz, –3 dB
Vertical resolution	8 bits, 30 levels/div
Memory length	8 kW/ch (16 kW/ch at Roll mode)
Acquisition modes	Equivalent Sample, Envelope. Average, Roll
Sweep range	10 ns/div – 50 s/div, 30 steps (1-2-5)
	ROLL: 0.5 s/div – 50 s/div
Magnifier	5,000 times maximum
Auto setup function	Available
Remote auto measurement	Available
Conditional judgement	Available
Frequency counter	5-digit (reciprocal), Accuracy: ±0.01%
Clock function	Available
Cursor measurement &	Tr, Tf. V-rms, Frequency, Period. Average
Auto measurement	±pulse width, ±peak.
	Time difference (CH1-CH2).
	Duty cycle, Vp-p. V at T
Trigger modes	Level, Event, TV (TV-Line selectable)
Save/Recall	Setup: 100 kinds; Waveform data: 10 kinds
Memory expansion	Available with PCMCIA memory card
Printer port	For connection of external printer
Interface	RS-232-C/PCMCIA
Battery operation	Available
Dimensions	Approx. 170 W x 62 H x 250 L mm
Weight	Approx. 1.3 kg (w/o accessory)
Accessories	AC to DC adaptor (x1), SS-0120 probe (x2)
	Operation manual (x1), carrying case