



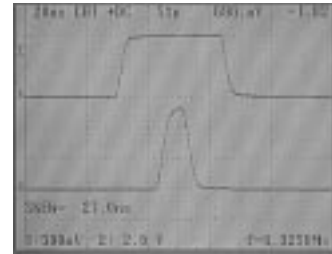
## DS-8710 DC — 100 MHz, 2CH

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



- 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



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

- 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 & Auto measurement	Tr, Tf, V-rms, Frequency, Period, Average ±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