

Instrument Security Procedures

Models:

PM3382, PM3384, PM3392, PM3394

Product Name:

CombiScope Instrument

Instrument Description:

Bench Oscilloscope 100/200 MHz

Memory Description:

- 1 - Microprocessor RAM 32kx8 with battery backup (D1012, 62256). Contains: microprocessor data and setups (knob settings).
- 2 – Acquisition RAM 16kx8 or 64kx8 (D8037/38/39/41/42/43/44/46, 7C128 or 7C185). Contains: acquired waveforms. The RAM with high storage capacity is installed in instruments with extended memory option.
- 3 – Main acquisition memory (RAM) 64kx8 or 256kx8 (D8049/52, 7C199 or 628128): temporary waveform storage. The RAM with high storage capacity is installed in instruments with extended memory option.
- 4 – Flash-ROM 512kx8 (D1013/15, 28F020 or 28F010). Contains: the instrument's embedded software and calibration data.
- 5 – Mask ROM (D1001, 80C196KB). Contains: initial program to start the instrument's embedded software.

Memory Cleaning Instructions:

- Ad. 1. To erase stored data: switch instrument off, keep memory backup battery removed from holder at rear side of oscilloscope during 5 minutes. With no battery installed, memory is always erased within 5 minutes after power off.
- Ad. 2. To erase stored data: switch instrument off, keep memory backup battery removed from holder at rear side of oscilloscope during 5 minutes. With no battery installed, memory is erased within 5 minutes after power off.
- Ad. 3. Is erased after power off.
- Ad. 4. Memory contents stay available after power off and removal of backup battery. Embedded software and calibration data can be loaded/exchanged with dedicated PC software that is exclusively available in manufacturing and service.
- Ad. 5. Contains the initial program instructions to start the microprocessor. No user access.