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1170-007 Hand Held Reader (M7793/12)

The model 1170-007 hand-held reader is designed to the MIL-M-7793/12 military specification for reading MIL-M-7793/13,14, 15, and 16 solid state elapsed time indicators or event counters. The reader displays the number of hours or events when attached to one of the specified devices. A single pushbutton switch activates the reader in approximately 2 seconds to display the hours or events. Once completed, the reader turns itself off.

Features

- Designed to meet Mil Spec M7793/12
- Replaces Models 1170-004 and 1170-001
- Faster reponse time and easier to read LED display
- Rugged construction that is field serviceable with output cable options

Specifications - Designed to meet military specification M7793/12

Weight	Complete assembly, including battery, 15 oz maximum.
Display	Seven light emitting diode (LED) digits and two LED indicators.
Battery	Power supplied by one 9 volt NEDA.
Durability	No mechanical or electrical degradation after 100 cycles
Temperature	Operational: -20° to +85C°, Storage: -55° to +85C°
Altitude	(non-operational) 15,000 feet maximum.
Vibration	In accordance with MIL-STD-202, Method 201.
Shock	In accordance with MIL-STD-202, Method 213.
Operational Accuracy	No deviation from actual elapsed time as contained in the output data.
Power consumption	Discharge current shall not exceed 80 milliamperes any time. Discharge current shall not exceed 2 microamperes when non-operational.
Input voltage overload protection	Shall not be damaged by continuous input overloads of ± 50 volts or transient voltages of ±500 volts for up to 10 microseconds
Connector	Modified MS3106A10SL-3S or MIL-C-MS5015
Battery Life	1200 reading cycles
Moisture resistance	Method 106 of MIL-STD-202