

Compact, Multi-Purpose Data Collector



PRESSURE MEASUREMENT UNIT TYPE 683

Primarily used for Electronic Pressure Velocity and Action Time (EPVAT) measurement, the Pressure Measurement Unit Type 683 is a compact, sealed unit that gathers data for complete ballistics analysis.

With a variety of possible configurations, this multipurpose unit has been developed to combine the many useful, individual properties of MSI instrumentation. The resulting sophisticated and versatile product can be utilised in the measurement of velocity and rate of fire of a projectile; port and chamber pressure within the weapon and the action time.

SOPHISTICATED AND VERSATILE

HARDWARE/SOFTWARE

- **BallisticsDB** is a Windows program which, when run on the Range Processor, allows for simple data exchange and provides data in standard Excel/Access file formats.
- **Standard User Interface** typical in Windows gives a rapid familiarity with the software, reducing training requirements.
- **Self-Arming Software** allows for largely hands-free operation during use. All data is safely logged to disk after each round.
- **Two Digital Charge Amplifiers** are fitted to ensure that all instrument settings are set electronically and recorded with the data for optimum data integrity.

SPECIFICATION

POWER/COMMS	
Power	24V DC
Power Supply	Computer Interface Unit Type 570-070
A/D Card	2-Channel 10MHz 12-bit
Connections	<ul style="list-style-type: none"> • 1x 19-pin • 1x 2-pin power • 2x TTL • 2x AUX • 2x BNC
FILTERS	
Butterworth	0-500kHz
ENVIRONMENT	
Operating Temperature	-10°C - +50°C [14 °F - 122 °F]
Humidity	The unit is sealed
DIMENSIONS	
L x W x H	350mm x 140mm x 280mm [13.0in x 5.5in x 11.0in]
Weight	9kg [19.8lbs]

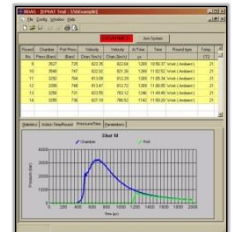
USED WITH



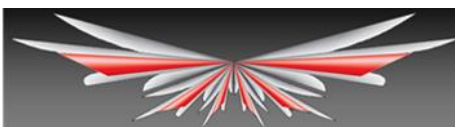
Universal Receiver
Type 681-700



Triple-Channel Remote
Timer Unit Type 817



Ballistics DB Control Software
Type 950-571



MS INSTRUMENTS Range Consultancy

Precision, Expertise, Quality

- Professional Bespoke Range Designs
- State-of-the-Art Product Rendering
- Only the Latest Standards



MS Instruments Ltd.

Unit 4, Ravensquay Business Centre, Cray Avenue
Orpington, Kent, BR5 4BQ, United Kingdom
Tel: +44 (0)1689 883 020
Fax: +44 (0)1689 871 392
contact@msinstruments.co.uk
www.msinstruments.co.uk

ISO 9001 SCS cert. No. 980010
683-pressuremeasurementunit - Jul-17

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