

Smart and Convenient



INDOOR CLIMATE MONITOR TYPE 598

The MSI Indoor Climate Monitor is an innovative system that incorporates an array of measurement units to determine air temperature, barometric air pressure, and humidity.

The system is rugged and compact, whilst delivering measurements efficiently to a central computer for thorough analysis. Knowing the environmental conditions in any testing setup is essential, making this monitor an important addition to any facility.

RUGGED AND COMPACT

HARDWARE

- **Measurements** are available for air temperature, barometric air pressure, and humidity.
- **8 analogue to digital inputs** can be used for additional data inputs.
- **Thermal sensors** typically occupy the additional data inputs in order to analyse temperature trends over a metallic surface e.g. a test barrel.
- **Optional interface units** are available.
- **All meteorological data** can be fed back to the central range computer for each shot during a trial, allowing a detailed record to be built of environmental conditions for each firing event.

SPECIFICATION

MEASUREMENT	
Barometric Pressure Range	800 to 1100mbar $\pm 0.2\%$
Humidity Range	5-100% $\pm 2.5\%$
Temperature Range	0°C - +60°C [32 F - 140 F]
POWER/COMMS	
Inputs	8x 10-Bit A/D

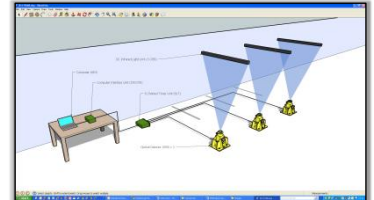
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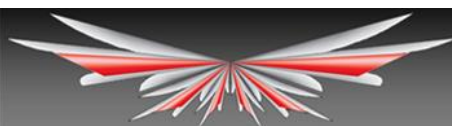
Ballistic Data Acquisition System (BDAS) Type 680



Universal Receiver Type 681-700



Projectile Velocity Measurement System (PVMS)



MS INSTRUMENTS Range Consultancy

Precision, Expertise, Quality

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



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