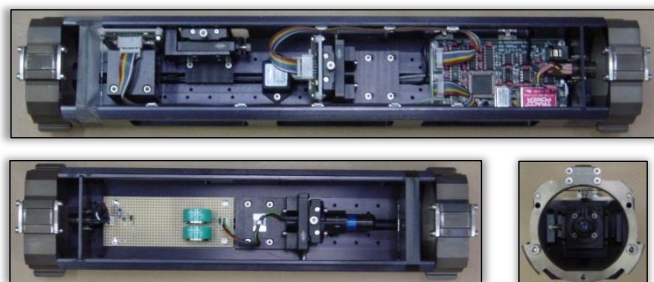


*Ensuring Constant Performance*



## BARREL STRAIGHTNESS GAUGE TYPE 151

The MSI Barrel Straightness Gauge is, as the name suggests, a device used to measure the straightness of a barrel or tube at multiple positions along its length.

The system is easily calibrated by placing the target and laser assemblies in a reference tube. A simple procedure provides the helpful reference readings.

This sleek device is helpful and thorough, providing statistics and graphs to ensure optimised analysis.

## HELPFUL AND THOROUGH

### SPECIFICATION

POWER/COMMS	
Power Supply	85 – 264 VAC or 12 VDC
Interface	RS232
CONFIGURATIONS	
Target Detection Area	20mm x 20mm
Target Resolution	0.02mm
Laser Wavelength	630nm
ENVIRONMENT	
Humidity	95% non-condensing
DIMENSIONS	
Length x Diameter [Target Assembly]	200mm x 80mm [7.87in x 3.15in]
Length x Diameter [Laser]	100mm x 40mm [3.94in x 3.15in]
Weight [Target Assembly]	0.5kg [1.1/bs]
Weight [Laser]	0.2kg [0.4/bs]

### HARDWARE/SOFTWARE

- **Low-power, eye-safe laser** with integrated rechargeable battery is inserted into a collar matching the internal dimensions of the tube
- **Laser is inserted into the barrel** and positioned at the base of the barrel. Insertion and removal of the assembly is by simple screw-in rods.
- **Target assembly is inserted into the barrel** in a similar manner to the laser assembly, and may be moved along the length of the barrel to analyse the straightness along the length.
- **Target rods** have a simple scale to give an indication of the depth of the target assembly in the barrel.
- **Readings** may be entered into the Notebook PC allowing graphing of the barrel profile.

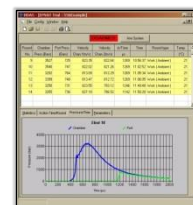
### USED WITH



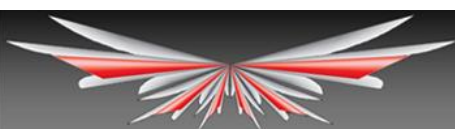
Acoustic Target Type 541



Range Processor Type 663



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



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