

Small Barrel Bore Laser Measurement System

TCMS SYSTEMS LTD
GI-MILITARY SALES



*Small Barrel & Bore Laser Measurement System
Inspect & Measure Calibers 15 to 40 mm*



Small Barrel Bore Laser Measurement System

Description

The small barrel and bore system, is a set of optical measurements heads, fixtures And supporting rings which allows you to scan and profile the internal surface of small barrels and bores.

Calibers

This allows you to inspect and measure all calibers from 15 mm To 40 mm as standard. Rifled or smooth bore.

Windows Software

The small barrel & bore software system allows you to view the data displayed in real time and the option to download to a local PC for detailed inspection later on.

Accuracy

Measurement heads have on-board a rotating laser scanner, encoder and barrel straightness detector. It combines the sensors data to get the full 360° cross-sectional profile of the barrel or bore, with a +/-0.01 mm accuracy.

Adaptable

The small barrel laser system includes the same useful features, including, exchangeable centering rings for multiple bore or tube sizes.

Measurement Head

The head is moved along the pipe manually using a telescopic rod. An external auto feeder is available on request

Features

- Portable Design:** Field & depot use
- Suitable For:** Smooth bore
Rifled barrels
- Measurements:** Displayed in real time
Also download to PC
- Adaptable:** Different calibers 15 – 40 mm
Up-gradable in the future
- Disassembly:** Not required
- Inspect:** For wear, chrome loss, erosion,
cracks, and other defects

Suitable For

- Bushmaster:** M242 & Mk44 gun barrels
- Bradley:** LAV-25 M242
- Navy:** MK38 – MK44
- Lockheed:** AC-130
- AC130:** GAU23
- Apache:** M230LF

