

Medium Barrel & Bore Laser Inspection Systems

TCMS SYSTEMS LTD
GI-MILITARY SALES



*Medium Barrel & Bore Laser Measurement System
Inspect & Measure Calibers 50 to 80 mm*



Description

Medium Barrel & Bore Ultimate Laser Measurement System, For Smooth Bore & Rifled Barrels. Will measure as standard all calibers from 50 mm to 80 mm. Complete optical measurement system for all Smooth Bore & Rifled Barrels. Basic configuration (diameter range +/-5 mm) Accuracy 0.01 mm

We can make MINI system for any diameter within 50 - 80 mm.

Each system will have measurement range of 10 mm for one sensor system and 20 mm for 2 sensor system.

For Example: 50-60, 60-80.

Video Inspection

With our state of the art video inspection capabilities you can see and every detail of the barrel or bore inner surface.

Configuration of the device can be fitted with a frontal video camera for quick searches and check of possible barrel pitting or corrosion, and a side camera that allows you to check any barrel defects in fine close up detail.

Results

Measurements results may be presented as a table and a graph (the full 360° cross section profile) Results are also exported to computer for analysis at later date.

Features

Portable Design:	Field / Depot / Naval Use
Suitable For:	Smooth bore Rifled barrels
Measurements:	Displayed in real time Also download to PC
Single System:	Caliber 50 – 80 mm
Disassembly:	Not required
Features:	Non-contact laser 3D Scanning Laser alignment
Parameters:	Ovality Inner diameter Barrel or Bore Straightness
Inspect:	For wear, chrome loss, erosion, cracks, and other defects

Suitable For

Naval /Air force / Army Weapons
30 mm Bushmaster II Mk 44 30mm A-10 Warthog 30mm Cannon
40 mm Bofors 40 mm Gun 40 Mk4 Naval Gun
50 mm Bushmaster III 50mm XM913 Chain Gun

