

## CHALLENGES

For the armed forces **ensuring firing accuracy is essential to avoid collateral damage**, especially in urban areas.

From that point of view, the barrel is one of the key elements of a firearm. Because it launches projectiles, its internal **dimensions and geometry strongly influence firing accuracy**.

## SOLUTION

**METRIX ID** is a solution for the control of inner diameters, adapted to gun barrel control, and equipped with a specific air plug.

- For the measurement of its internal diameter with micrometer level accuracy and a diameter variation range up to +/- 200  $\mu\text{m}$
- Designed to measure barrel diameter at different cross-sections

Specific air plugs for smooth and rifled guns can be provided.

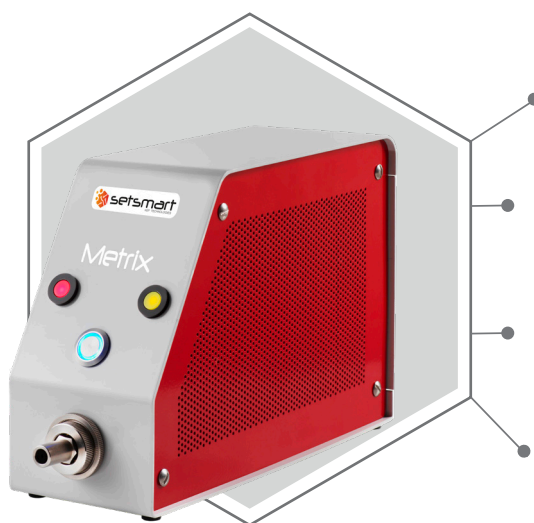
This solution uses software for the recording and storage of control data.

## BENEFITS

### Firing accuracy ensured

- Firing accuracy is ensured by advanced, accurate and precise control of the barrel's internal diameter
- Easy to use by non-specialists
- Software ensures the controlled barrels are traceable

## METRIX ID



### ACCURATE AND PRECISE DIAMETER MEASUREMENTS

down to micrometers or better, and low R&R gage

### VERSATILE MEASUREMENT

Adaptable to parts of varying diameters, shapes, and control depths  
 One base unit can be connected to various sensors for multiple measurements

### FAST AND EASY CONTROL

Quick testing (within seconds), independent of the operator's skills

### MADE-TO-MEASURE ANYWHERE

Installation possible in any work environment