

CHALLENGES

A reactor's efficiency can be improved by an increase in its operating temperature, but to avoid overheating numerous apertures are required in key parts for cooling purposes.

It is important to **rigorously control these apertures** to avoid early ageing of these parts and to **ensure the safety** of the flight team.

SOLUTION

METRIX ID is a solution for the control of diameters. It is based on a pneumatic principle and is adapted to apertures in reactor parts :

- For the systematic control of their internal diameter but also for the detection of potential obstructions
- It employs a handy measurement pistol, with light targeting for an easier use

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

BENEFITS

Ensures safety

- By the accurate and precise control of the aperture's internal diameters and the absence of obstruction

Rigorous control

- Much more reliable than manual control
- Control within seconds
- The solution is easy to use by non-specialists
- The control data are traceable thanks to software

METRIX ID



ACCURATE AND PRECISE DIAMETER MEASUREMENTS

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

VERSATILE MEASUREMENT

Adaptable to a large range of diameters, control depths and shapes of parts
 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