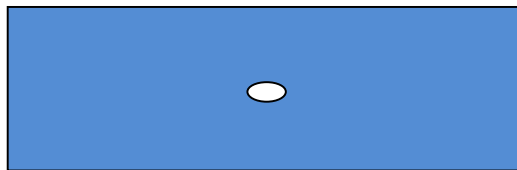


Lucana M Porosity Sensor

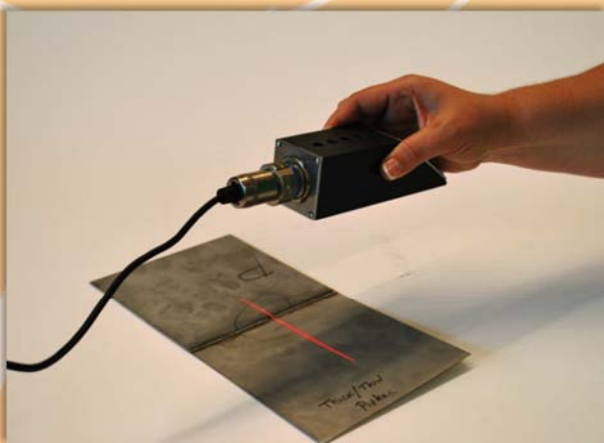
The Lucana M Porosity Sensor can measure the voids or porosity in a weld or surface. Our innovation allows Lucana M Porosity to perform measurements without calibration, setup, or programming.

Measures Surface Voids/Porosity



NO PROGRAMMING

NO CALIBRATION

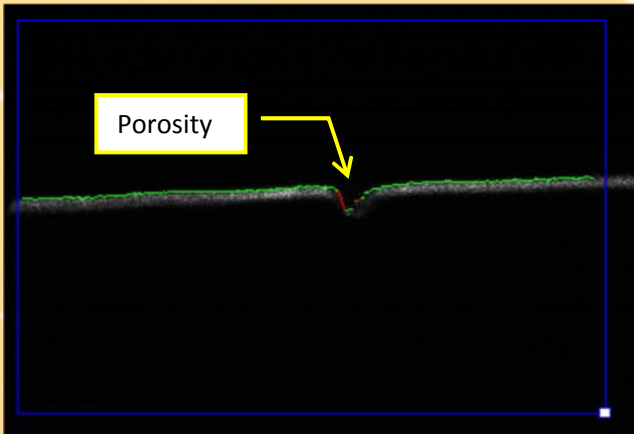


- Cost Effective
- Front Measurement
- Handheld or Attached
- Measures Presence or Non-Presence of Porosity
- Measures on the Fly

Lucana M Porosity Sensor



User Interface



Operation

Start Once Save Image

Stop Calc. Time: 8 ms

 Total: 92 ms

Continuous Measurement, single measurement and time

Data Logging

Part List

Enable Logging Add Delete

Data Logging to local or network drive with ability to specify a tag such as part list

Porosity Detection

Green: No Porosity
Red: Porosity

Porosity detection.
Green = No porosity
Red = Porosity

Transfer/Trigger

Enable I/O Trigger I/O

Trigger UDP Pushbutton Trigger

Trigger TCP/IP Trig = 't' PORT = 9000

Lenze 940

Communications TCP/IP, UDP, and I/O (Optologic)

Exposure Control

1 Apply

Parameters

Edge Strength

Control to accommodate different surface reflectance

The user interface for Lucana M Porosity Sensor detecting porosity in a weld or surface. The user can view the presence of porosity through a color code system. The data can be sent to another device via UDP, TCP/IP protocol as well as log the data locally or on any network drive.

Lucana M Porosity Sensor



Specification

Measurements	Porosity
Resolution	
On Center	± 0.076 mm / 0.003 in
Within Box	± 0.127 mm / 0.005 in
Nominal Standoff distance	85 mm / 3.35 in
Output	UPD, TCP/IP, Digital I/O Data Logging
Dimension	
Sensor	(w x h x d) 25.4 x 25.4 x 177.8 mm, 2 x 2 x 7 in
Processor	(w x h x d) 166 x 48 x 157 mm, 6.5 x 1.9 x 6.2 in
Input voltage	12V
Input current	5A
Environmental	
Storage Temperature	-10° C to +70° C
Operating Temperature	+5° C to + 50° C