

# SDX Orifice Gauge

Specifically designed for Delavan's Spray Drying Orifice Discs.

The SDX Orifice Gauges are designed for the rapid measurement of small hole diameters. These particular models covers hole diameters from 0.025"-0.130" (0.60mm-3.30mm) and 0.130"-0.255" (3.30mm-6.50mm).

These gauges work on the principle of directly transferring diameter measurements from a sliding, tapered needle to a linear scale readout graduated in 0.001".

## FEATURES

- Personnel can make fast accurate measurements.
- Rapid and simple calibration. A setting master is provided with each gauge. Permits rapid periodic check on calibration and field readjustment, if necessary, by shop personnel.
- Magnified, direct reading scale permits easy reading of hole diameters to nearest 0.001".
- Precision ground tapered needle is made of a hardened tool steel for increased wear life.
- Positive Clutch which locks needle and scale at exact dimension of hole being measured.
- Convenient pocket size and weight makes these gauges ideal for roving inspectors and engineers.

## GAUGE SPECIFICS

**Delavan Part Number W08909I201 (Model 20)**

**Inches** 0.025" - 0.130"

**Metric** 0.60mm - 3.30mm

**Delavan Part Number W08909I309 (Model 30)**

**Inches** 0.130" - 0.255"

**Metric** 3.30mm - 6.50mm

Please contact the Delavan sales team for more information. Gauges only available in inches.

Note: SDX Orifice Gauge is not suitable for Mini-SDX.



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# User Manual

## Here's how easy it is to use SDX Orifice Gauges.....

1. Fully eject and release the needle by sliding the black switch on the side of the body towards the rear of the gauge.



2. Insert the needle into the orifice hole being measured.



3. Continue to slide the needle into the hole until the flat side of the disc touches the end of the gauge.



4. Read off the measurement from the dial at the other end of the gauge.



If you have any problems or questions, please contact the Delavan sales team.

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