

Western Instruments

Established 1965

Special Reaching+ Pit



The Special Reaching+ Pit Gauge was introduced to satisfy a good distributor's requirement for a *One Gauge Fits All* requirement. The 5 Models of Reaching Pit Gauges (Tubing Gauge, Reaching, Reaching Magnetic, Reaching+, and Reaching+ Magnetic) satisfy every need of an inspector, unless there is a

requirement for compound curvatures, where the Pocket Pit Gauge would be used. The Special Reaching+ Pit Gauge satisfies the needs of inspectors who don't fully understand the various benefits of the Reaching Pit Gauges. The Special Reaching+ allows the inspector to mount the Indicator (Digital, Metric, or Imperial) in the two positions on the Blade. The center position is for inexperienced inspectors who think that the Indicator must be *Bridged* across the pit. Whereas the best way to evaluate pitting is by *Reaching* into it. Another way to explain *Reaching* is to define the Indicator being *Cantilevered* over the pit.



The Special Reaching+ Pit Gauge, like all of our standard models, is supplied as a Kit (illustrated to the left). These Kits consist of; Dial Indicator (Metric or Imperial) or a Digital Indicator (w/#1 Contact Point), Special Reaching+ Blade, Wooden Storage Case, Allan Key (for adjustment), Spare #2 Contact Point, Operator Instructions, and the Calibration Certificate.

Again, as illustrated below, the Special Reaching+ the Pit Gauge, like all of our Dial Indicator Pit Gauges, is available as a Imperial (top), Metric (middle), or Digital (bottom) models.

The Special Reaching+ Pit Gauge is 6" (152mm long), and offers End and the Centre Mounts. When equipped with a Digital Indicator, its Diameter is 55mm (2.2"), while the Metric or Imperial Models are 1½" (38mm) in diameter. The range of the indicators is;

- Metric - 14mm, in 0.01mm Graduations.
 - Imperial - 0.550", in 0.001" Graduations.
 - Digital - 14mm, in 0.01mm or 0.550", in 0.001" Graduations.
- * All Indicators have an accuracy of 0.005mm and/or 0.0005"



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