

Western Instruments

Established 1965

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Pit Gauge Kit & Specialty Gauge Summary April 15, 2017

Name	Model #	Description
Vessel Inspectors Kit	N88-VI	Carrying Case, Imperial, or Metric Dial Indicator (w/#1 Contact Point), Reaching Pit Gauge Blade, Pocket Pit Gauge Blade, Basic Pit Gauge Blade, Allan Key, Spare #2 Contact Point, Operator Instructions, and Calibration Certificate.
Pipeline Inspectors Kit	N88-PI	Carrying Case, Imperial, or Metric Dial Indicator (w/#1 Contact Point), Reaching Plus Pit Gauge Blade, Pocket Pit Gauge Blade, Basic Pit Gauge Blade, Allan Key, Spare #2 Contact Point, Operator Instructions, and Calibration Certificate.
Marine Inspectors Kit	N88-MI	Carrying Case, Imperial or Metric Dial Indicator (w/#1 Contact Point), Reaching Magnetic Pit Gauge Blade, Pocket Pit Gauge Blade, Basic Pit Gauge Blade, Allan Key, Spare #2 Contact Point, Spare Magnet Cartridge, Operator Instructions, and Calibration Certificate.
Cylinder Inspectors Kit	N88-CI	Carrying Case, Imperial or Metric Dial Indicator (w/#1 Contact Point), Reaching Plus Pit Gauge Blade, Pocket Pit Gauge Blade, Allan Key, Spare #2 Contact Point, Operator Instructions, and Calibration Certificate.
Marine Inspectors Kit	N88-MI	Carrying Case, Reaching Pit Gauge (N88-5), Pocket Pit Gauge Blade (N88-4B), Basic Blade (N88-2B), Allan Key, Spare #1 Contact Point, and Operator Instructions. Note: The Reaching Pit Gauge includes Reaching Blade, Imperial Dial Indicator (w/ #2 Contact Point)
Tubing Inspection Kit	N88-TI	Carrying Case, Tubing Pit Gauge Blade, Imperial Dial Indicator (w/ #2 Contact Point), Allan Key, Spare #1 Contact Point, and Operator Instructions. Note: Tubing Pit Gauge Blade is 60mm (3 3/8") long, End Mount, with 14mm (0.55") Nose Cut-out.

Tube Sheet Pit Gauge	N88-TS	Custom Carrying Case, Tube Sheet Pit Gauge Apparatus, Imperial Dial Indicator, Hardware, 1 extra Contact Point, and Operator Instructions. Note: The Tube Sheet Pit Gauge has a working length of 320mm (12.5") and will measure inside most 12.7mm (0.50") and larger Boiler/Exchanger Tube to evaluate Corrosion, over rolling, and other Tube Sheet anomalies.
Inspectors Kit	N88-IS	Carrying Case, Basic Pit Gauge (N88-2), Pocket Pit Gauge Blade (N88-4B), Allan Key, Spare #1 Contact Point, and Operator Instructions. Note: The Basic Pit Gauge includes Basic Blade, Imperial Dial Indicator (w/ #2 Contact Point).
Tank Floor Reaching Pit Gauge & Extension Tube	N88-TF	Custom Carrying Case, 91 cm (36") Extension Tube, Tank Floor Reaching Pit Gauge Blade, Imperial Dial indicator, Allan Key, Spare #1 Contact Point, and Instructions. Note: Tank Floor Reaching Pit Gauge Blade is 152mm (6") Long and 19mm (3/4") Wide, with End and Center Dial Indicator Mounts. The End Receptacle is fitted with a long 37mm (1.5") Nose Cut-out. The Contact Surface of the blade is flat and fitted with 3 Powerful Magnets.
Extension Tubes	N88-X-1 N88-X-2 N88-X-3	305mm (12") Extension Tube, for use on any Standard or Bridging Pit Gauge Blade. 610mm (24") Extension Tube, for use on any Standard or Bridging Pit Gauge Blade. 915mm (36") Extension Tube, for use on any Standard or Bridging Pit Gauge Blade.
Digital Pipe Pit Gauge	N88-9B-D	Carrying Case, Digital Indicator (w/#2 Contact Point), Bridging Pit Gauge Main Blade, Spare Battery, Spare #1 Contact Point, Fasteners, Allan Key, Operator Instructions and Calibration Certificate.
Special Pipeline Inspectors Kit	N88-SPI	Carrying Case, Imperial or Metric Dial Indicator (w/#1 Contact Point), Reaching Pit Gauge Blade, Pocket Pit Gauge Blade, Tubing Inspector Blade, Spare Battery, Allan Key), Spare #2 Contact Point, Operator Instructions, Calibration Certificate.
Pipeline Weld Supervisors Kit	N88-SPI-D	Carrying Case, Digital Indicator (w/#2 Contact Point, Reaching Pit Gauge Blade, W-FI-10 Gauss Meter, Spare Battery, Allan Key, Spare #1 Contact Point, Operator Instructions, and Calibration Certificate.
Spikers Pipeline Inspectors Kit	N88-SPR-D	Carrying Case, Digital Indicator (w/#2 Contact Point), Reaching Pit Gauge Blade, Pocket Pit Gauge Blade, W-FI-10 Gauss Meter, Spare Battery, Allan Key), Spare #1 Contact Point, and Operator Instructions.

Reference Bridging Pit Gauge	N88-12-RB	Carrying Case, Reference Pit Gauge Main Blade, Reference Connector Blade, Reference End Blade, Reference Slider Blade, Two Tees, Dial Indicator, Hardware (Spare Magnet Cartridge, Nylon Jam Screws, Blade Fasteners & Allan Key). Multi Piece unit can be assembled in spanning or cantilevering (28 1/2") configurations for testing large areas of Corrosion.
Pit Gauge Calibration Block	N88-FBH	Serialized (w/ Certification) Cold Finished Bar 152mm (6") x 76mm (3") x 25mm (1") with Surface Treatment. 4 Flat Bottom Holes; 2.5mm to 10mm in 2.5mm increments (0.100" to 0.400" in 0.100mm increments).
Contact Points		
#1-Standard Tip	Ø0.040" Dia.	#1 Contact Point - Standard N88-S
#2-Conical Tip	Ø0.010" Dia.	#2 Contact Point - Sharp Point N88-C
#3-Needle Tip	Ø0.005" Dia.	#3 Contact Point - Needle Point (very delicate) N88-N
Extension	0.50"-12.7mm	Extends the length of contact point by 0.050" (12.7mm) +/-0.002" or 0.05mm
Large Wooden Carrying Case (Reaching)	N88-WB	Wood Carrying Case used for most Kits
#0 Carrying Case (Junior Bridging Kit)	N88-9-C0	Smallest Green Aluminum Frame Case (used for Jr. Bridging/Plus, as well as custom cases)
#1 Carrying Case (Bridging and Bridging Reference)	N88-9-C1	Medium Green Aluminum Frame Case (used for Jr. Bridging Super, Bridging and Bridging Reference Gauges.
#5 Carrying Case (Bridging and Bridging Reference Plus)	N88-9P-C5	Longest Green Aluminum Frame Case (used for Bridging Plus and Bridging Reference Plus Gauges.
Soft Leather Case (Bridging Reference Only)	N88-9-8L	Stylish Artisan Crafted Soft leather case, designed specifically for the Bridging Pit Gauge, with up to 4 pockets for Extender T's. Zipper closed, Wrist Strap and removable Shoulder Strap
Dial Indicators	N88-I - Imperial Group 1	
	N88-M - Metric Group 1	
	N88-D - Digital Group 2	
	N88-DI - Digital Indicator Communication Cable and Software	