

**DEFLECTION TESTING
MANDRELS FOR EVERY
PIPE SIZE**



STEEL GAUGE

Steel single size deflection gauge with TKO. Made from durable steel, this gauge is designed to stand up to miles of use.



WHISTLE GAUGE

Aluminum single size deflection gauge with TKO. Incredibly lightweight, the Whistle Gauge can be pulled from manhole to manhole in under 20 seconds. Ideal for testing long lengths of pipe in a fraction of the time!



MULTI-SIZE GAUGE

Adjustable and durable steel frame. Swap out the end plates for the proper pipe and size; stack end plates on the ends for self-contained storage. Available for 8" to 15", and 15" to 27" pipe.



SPLIT-TYPE GAUGE

For pipes 27" and larger, split type gauges are divided into sections that fit through a standard 24" manhole opening.



BULLET-TYPE GAUGE

Solid aluminum mandrel for pipe 4" and smaller. Tapered ends allow for curves in the pipe.

PROVING RINGS
Quickly verify the sizes of the mandrels.

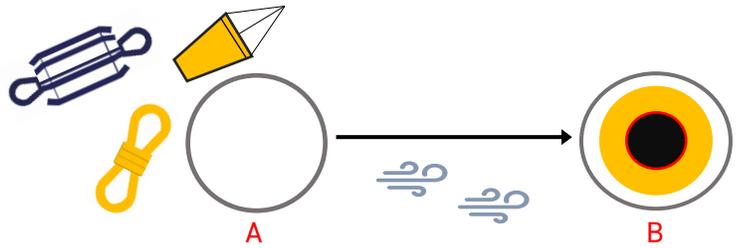


Deflection Gauge Options

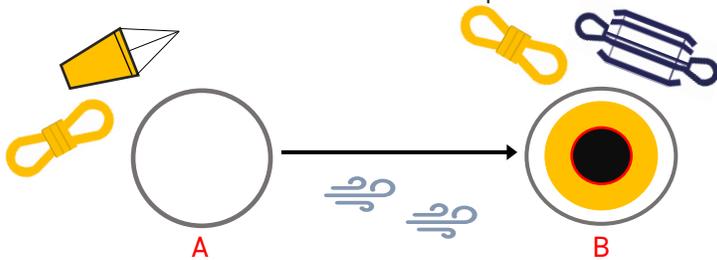
For Deflection Testing PVC and Other Flexible Pipe

WHISTLE GAUGES: At Manhole A (upstream) connect the rope to one end of the gauge, and the parachute to the other. Turn on the **RIPCORD VENTILATOR** at Manhole B (downstream). Lower the gauge and parachute into Manhole B, and let the Ventilator do the rest!

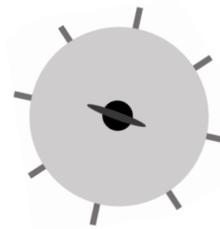
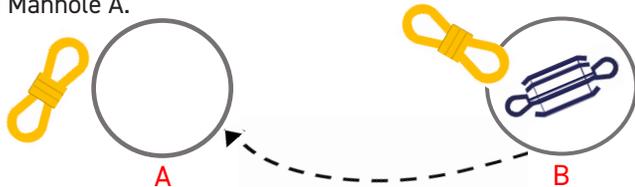
LINE STRINGER KITS are available, which include a rope reel with 1000' of 1/8" rope and an 8-12" parachute. Other sizes available for the rope and parachutes.



ALL STEEL GAUGES: Connect your parachute to a rope and lower it into Manhole A. Set your RIPCORD Ventilator on Manhole B and start it to string the line. When it reaches you, remove the RIPCORD Ventilator and disconnect the parachute.

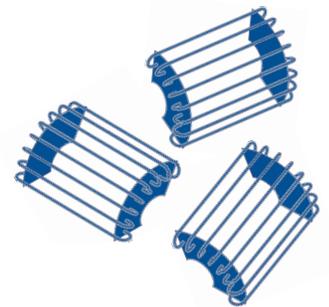


Connect the rope to the deflection gauge. To take advantage of the TKO, attach a second rope at this manhole to the opposite end of the gauge. Lower the gauge into the manhole, and pull the rope back from Manhole A.



MULTI SIZE GAUGES: Remove the end loops from the gauge, and use the provided T-wrench to open the gauge far enough to slide on the proper end plates. Tighten the frame down on the plates and reattach the end loops. Test as noted in **ALL STEEL GAUGES**.

SPLIT TYPE GAUGES: Lower each piece of the gauge into the manhole and assemble with the provided pull bars, brackets, and nuts and bolts. Test as noted in **ALL STEEL GAUGES**.



STUCK GAUGE?

With our exclusive **TKO FEATURE**, with the Whistle Gauge, tug the rope at Manhole A to help dislodge the gauge. With the steel gauge, tug the rope at manhole B. Note the length of rope so you have a general idea of where the deflection is located. **Note:** Multi-Size Gauges and Split Type Gauges do not have the TKO bar.

HEAVY CABLE?

Larger gauges may require cable to pull the gauges. To avoid potential damage to the edges of the manholes, we offer **TOP AND CROSS MANHOLE BRACKETS** to prevent the cable from possibly damaging the top edges of the pipe, and also protect the cable from rubbing on the edge of the steel manhole opening.

TEST DIDN'T GO AS PLANNED? CALL BEFORE YOU DIG!

Our **PIPE RE-ROUNDERS** can save you days of work and money by re-rounding the pipe while it's still buried. Heavy duty vibration shakes the backfill away from the pipe and allows the pipe to return to its original form. Heavy duty rubber discs will catch any debris that might have been missed when jetting the pipe prior to re-rounding and also help protect the pipe from harsh banging.



HURCO
TECHNOLOGIES, INC.®

HURCOtech.com

1-800-888-1436