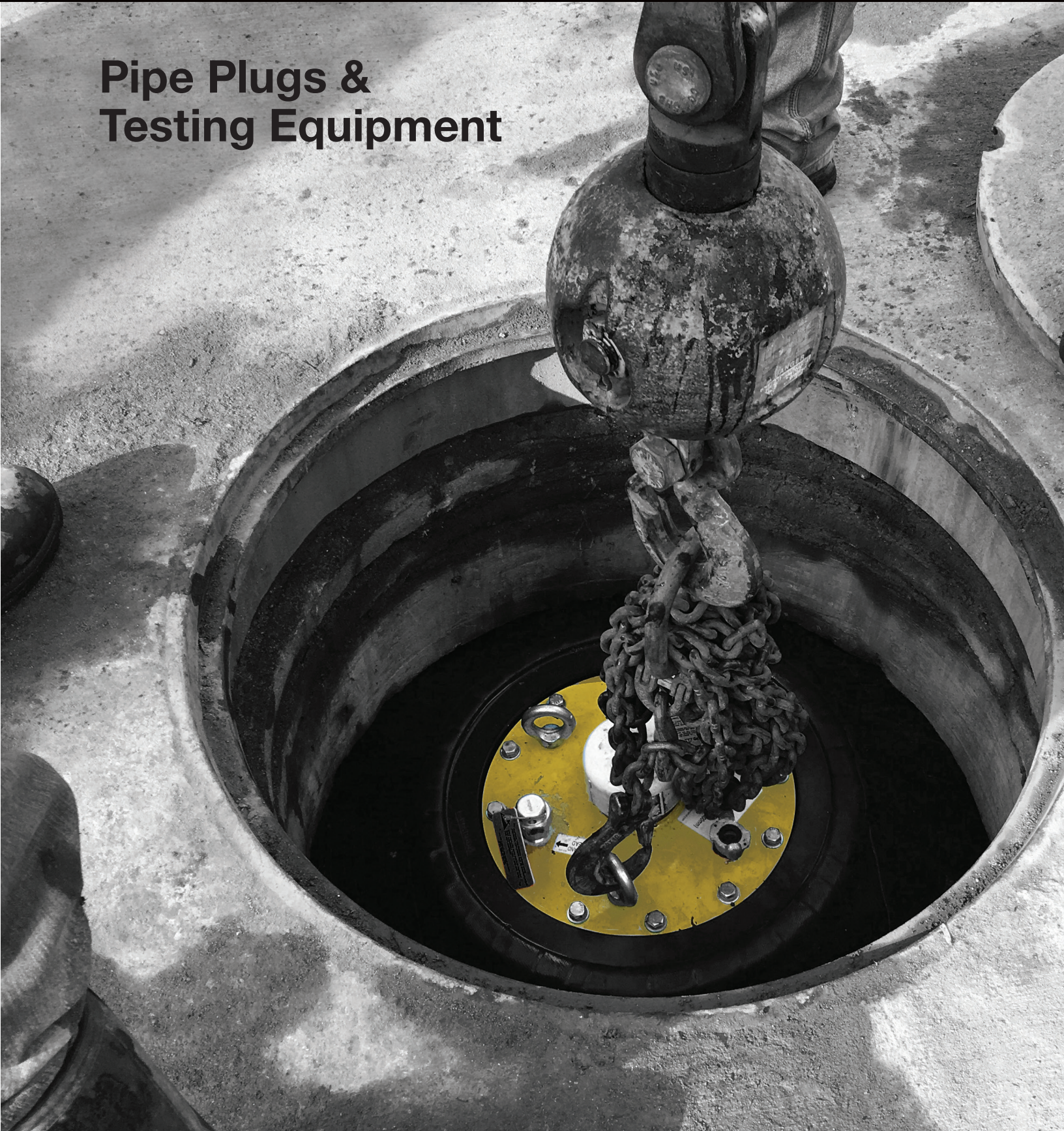


CAPABILITIES CATALOG



Pipe Plugs & Testing Equipment

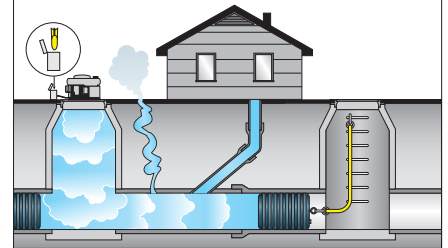


AIR-LOC® SMOKE BLOWER

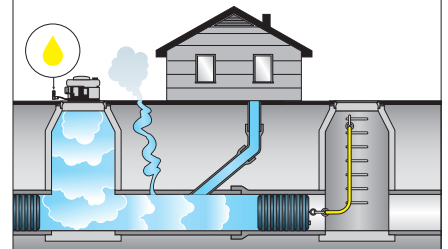
- Effectively identifies inflow.
- Produces thick, dense smoke.
- For use with smoke candles or liquid smoke.
- Briggs & Stratton engine.
- Generates up to 3,769 cubic feet per minute of air flow.
- Made of lightweight cast aluminum.
- Foam gasket ensures a leak-free seal on manholes and minimizes vibration.



Traditional Smoke Candle Blower



Smoke Fluid Blower

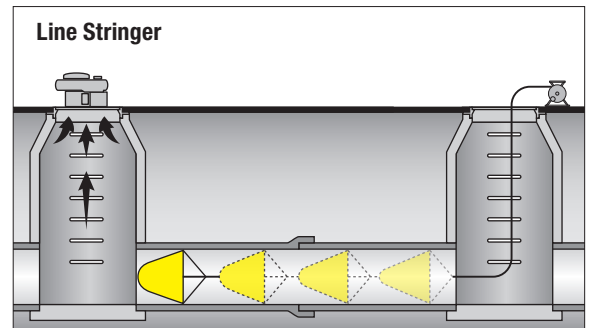


AIR-LOC® LINE STRINGER

- Will string a 300 feet section of sewer line in under one minute without plugging the line.
- Aluminum design is lightweight and corrosion resistant.
- Fastest and most reliable way to string a sewer line for deflection testing, leak location testing, sewer cleaning and video inspections.
- Blowers available with Honda or Briggs & Stratton engines.



Line Stringer

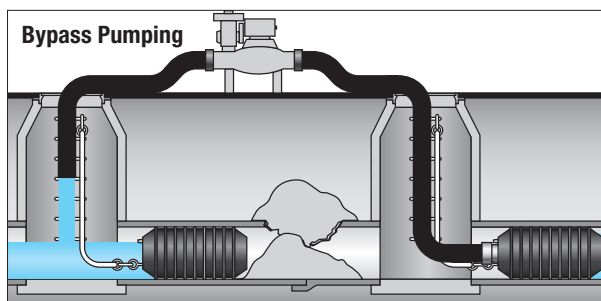


BIG MOUTH® FLOW-THROUGH PLUGS

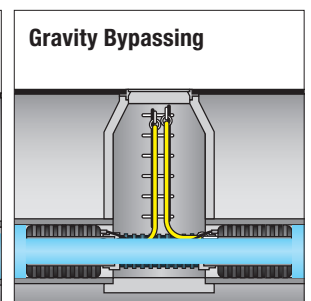
- Available in single-sizes 6" to 24" diameters.
- Available in multi-sizes from 6"-10" to 18"-24" diameters.
- Large flow-through design allows bypassing via gravity.
- Short design for ease of insertion.



Bypass Pumping



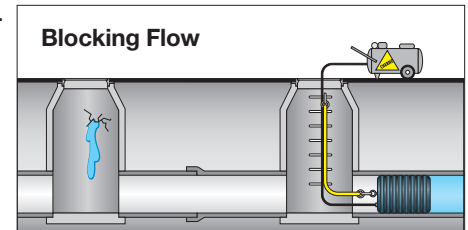
Gravity Bypassing



LARGE MULTI-SIZE TEST-BALL® AND MUNI-BALL® PLUGS



- Sizes available: 12"-18", 12"-24", 15"-32", 20"-40", 24"-48", 24"-60", 48"-72", and 54"-96" diameters.
- 12"-18", 12"-24", 15"-32", 20"-40", 24"-48", and 24"-60", diameter plugs all fit through 20.5" openings.
- 48"-72" and 54"-96" diameter plugs are able to fit through 36" openings.
- Reinforced with cording.
- Flexible bypass allows plugs to bend up to 90°.
- Pressure relief valve to prevent over and under inflation on 15"-32" and large diameter plugs.



MULTI-SIZED HIGH PRESSURE PLUGS

- The rubber and metal is bonded, eliminating fear of separation or rolling off resulting from high back pressure.
- Max back pressure = 150 psi.
- Optimized design using steel reinforced with cording and natural rubber for longevity and robust construction.
- Air is purged from the plug during inflation.
- Air is purged from the test area (8"-12" to 26"-32" sizes).
- Rupture disc over-inflation device.

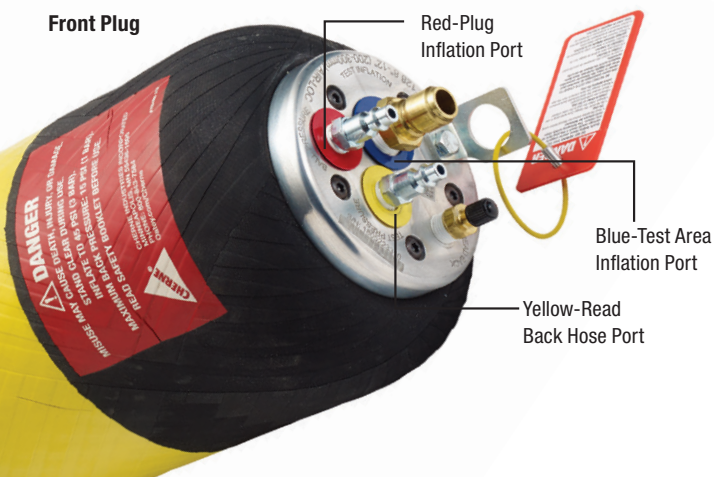
Field Repairable Hardware

Rupture Disk
For safety in over-inflation occurrences

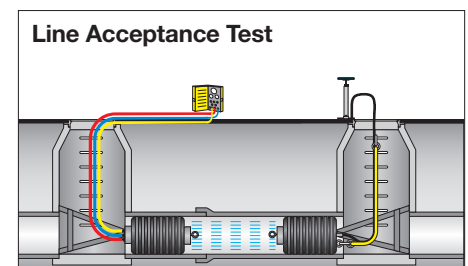


AIR-LOC® LEAK LOCATOR PLUGS

Front Plug

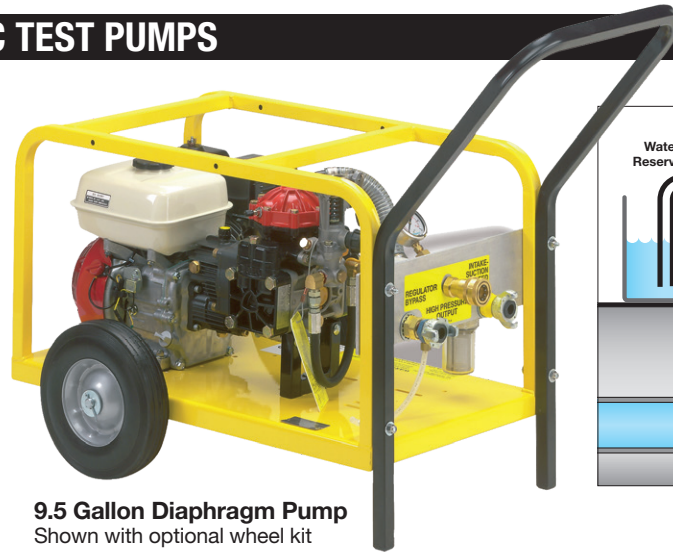


- Available in multi-sizes from 6"-10" to 54"-96" diameters.
- Ideal for both sewer air and leak location testing.
- Removable air fittings for customizing air connections.
- Flexible internal hoses allow plug to bend 90° for tight installations.
- Reinforced with cording.

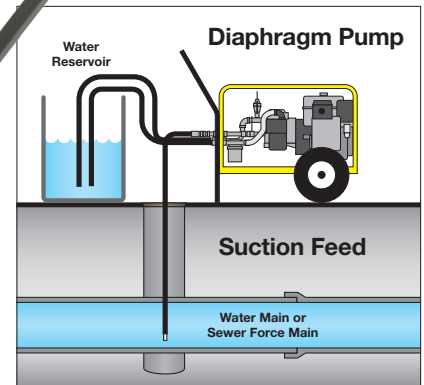


AQUA-LOC® HYDROSTATIC TEST PUMPS

- Diaphragm pump supplies up to 9.5 gpm at 550 psi.
- High-volume diaphragm pump supplies up to 35 gpm at 290 psi.
- All quick-disconnect fittings are color-coded for fast setup, even for the infrequent user.
- Operating instructions permanently attached for ease of use.
- Pumps available with Honda Oil Alert® or Briggs & Stratton Oil Gard engines (High-volume pump only available with Honda engine).



9.5 Gallon Diaphragm Pump
Shown with optional wheel kit

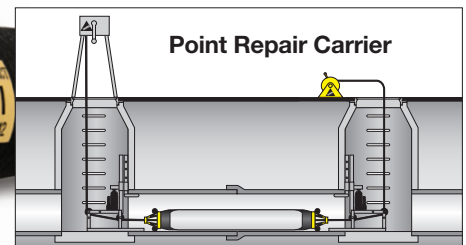


POINT REPAIR CARRIERS

- New expanded multi-size line covers pipe sizes from 4"–36" diameters and lengths up to 15' (custom lengths available).
- Maximum pipe contact guides to ensure proper placement of the repair medium to minimize waste of materials and increase productivity.
- 1/4" NPT Inflation Port with male quick disconnect for ease of connection.
- The flexible design allows all units to be folded in half for transport.
- Durable, flexible natural corded rubber.



- Bypass design allows sewage bypass during repair — no need to shut down the line.
- Redesigned integrated caster wheel assembly optimized for ease of movement along the pipe.

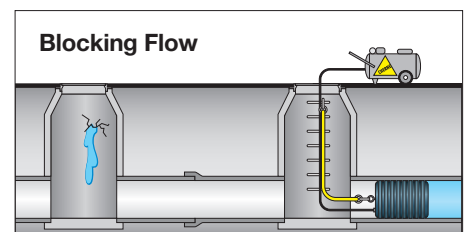


TEST-BALL® AND MUNI-BALL® PLUGS



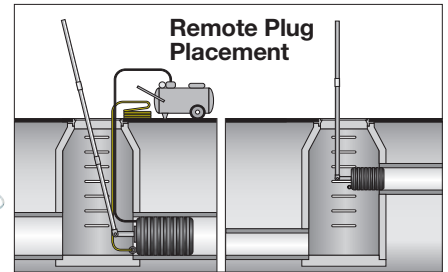
- Tough, tear-resistant design made from natural rubber for excellent expansion and sealing of most pipes.
- Muni-balls are designed with a bypass for effluent flow-through or conducting air tests.
- Test-balls work well for blocking flow or sealing pipes.
- Test-balls are available in single sizes from 3/4" to 15" diameters, and multi-sizes from 1-1/4"–2" to 8"–12" diameters.

- Muni-balls are available in single sizes from 1-1/2 to 24" diameters, and multi-sizes from 4"–6" to 8"–10" diameters.



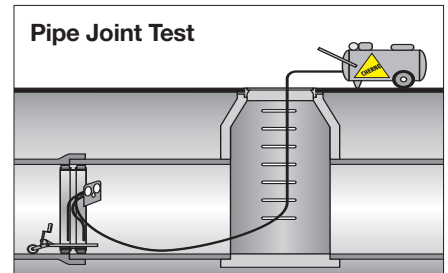
REMO® REMOTE REPLACEMENT PLUGS

- Allows easy positioning, inflation, and removal of the plug from the surface.
- Multi-size design available in 6"–12", 8"–12", and 12"–18" diameters.
- Eliminates the need to enter confined spaces and speeds up the pipe plugging process.
- Easy to use push button aluminum pole system.
- Adapters available to convert bypass plugs to Remo plugs.



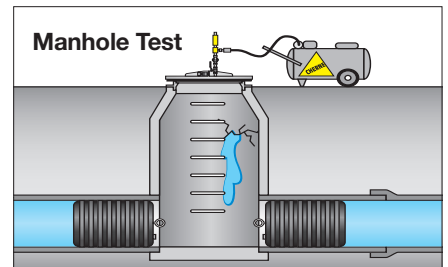
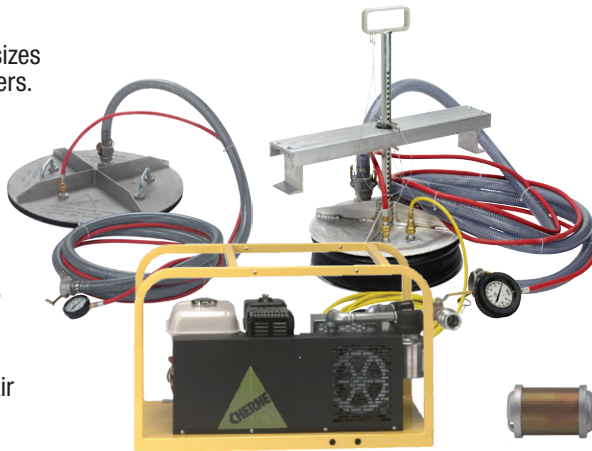
AIR-LOC® JOINT TESTERS

- Designed to test large diameter installed pre-cast concrete pipe.
- Recommended for pipe sizes 24" and larger.
- 10 psi test pressure with air or 50 psi with water.
- Lightweight aluminum design allows for easy assembly in small spaces.
- Adjustable wheel assemblies.
- Replacement end elements are available.
- Available with our without control panel and wheel kit.



AIR-LOC® MANHOLE TESTERS AND VACUUM PUMPS

- Plate style designed to seal manhole cone surface. Three sizes fit openings 18" to 42" diameters.
- Bladder style designed to seal inside diameter at frame or cone. 7 sizes fit openings from 20" to 36" diameters.
- Both the plate and bladder style head assemblies are made of lightweight aluminum.
- Self-lubricating graphite-vane vacuum pump.
- Vacuum generator utilizes an air compressor to create vacuum.



AIR-LOC® TESTING PRODUCTS

- Line Acceptance Kit includes control panel, 50' Hi-Flow® triple hose, 30' poly-lift line with gauge, and storage bin.
- Leak Location Accessories include 400' triple hose reel with hose, winch, hose/cable guide, and interconnect hoses are available.

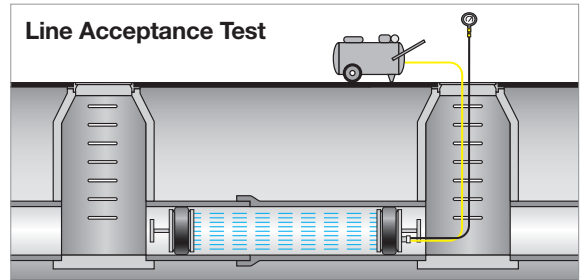


T-HANDLE GRIPPER® PLUGS

- Available in sizes 6", 8", 10", 12", 15" and 18" diameters.
- Available in bypass and non-bypass designs.
- Made with aluminum and zinc plated steel for corrosion resistance.
- Neoprene "O" ring for enhanced resistance to petroleum hydrocarbons.



Line Acceptance Test

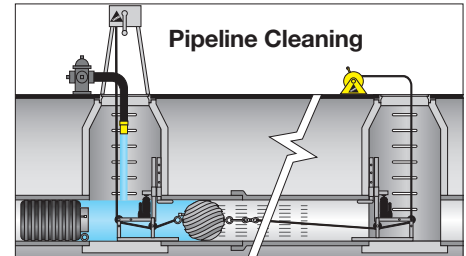


JET-BALL™ PIPELINE CLEANING BALL

- Available in sizes 6"–10", 10"–14", and 15"–18" diameters.
- Inexpensive way to clean new lines prior to line acceptance testing.
- Works great for cleaning grease out of existing lines.
- The better alternative to an expensive jet truck.
- Swivels on front and back allow easy rotation in pipe.

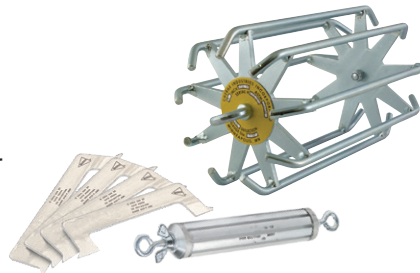


Pipeline Cleaning

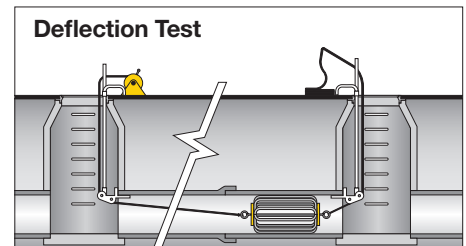


DEFLECTION GAUGES/MANDRELS

- Sizes up to 48" and custom sizes also available.
- Fixed steel or adjustable aluminum designs.
- Fixed steel gauges are zinc plated resisting rust and corrosion.
- Aluminum fin sets allow interchangeable fins for various pipe sizes.
- Steel and aluminum gauges utilize a nine arm design to ensure testing accuracy.



Deflection Test



CUSTOMER SERVICE

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MANUFACTURING PLANT

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