

Cherne Air-Loc[®] Manhole Testers

- Perform manhole test in minutes
- Lightweight aluminum head assemblies make these the lightest units available
- Air-Loc vacuum generators eliminate the need for a separate vacuum pump

Air-Loc manhole testers provide the most efficient, accurate and cost effective method of testing new, existing and rehabilitated manholes to identify infiltration or exfiltration problems. The Air-Loc manhole testing system allows you to test manholes quickly, provides immediate leak detection before or after ring installation and backfilling, and eliminates expensive/time-consuming water tests. The head assemblies are made of lightweight aluminum, making them the lightest units available.

Vacuum testing is performed by creating a vacuum in the manhole and monitoring a gauge for vacuum loss. If a loss does occur, there is a simple way to locate the leak. Simply pour soapy water on the inside walls of the manhole, draw another vacuum and look for the bubbles. You have identified the location of your leak.

The head assembly is available in both bladder and plate styles. The bladder style seals the inside diameter of the manhole and is supported by a durable aluminum brace. An aluminum push-pin rod connection allows for easy depth adjustment. The plate-style tester is also made of aluminum and has a 1" neoprene gasket to ensure a leak-free seal. Sealing a wide range of manhole diameters makes this a very versatile product.

Air-Loc vacuum generators allow vacuum testing of a manhole without the use of a separate vacuum pump. These devices turn your standard 9 cfm or 85 psi (in the case of the high-flow model) air compressor into a vacuum generator for vacuum testing manholes. Simply attach the unit to a head assembly and an air compressor to draw a vacuum in minutes.

Air-Loc manhole testers conform to ASTM Specification C1244 for Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) and ASTM C1227 for Precast Concrete Septic Tanks.

DESCRIPTION	SEALING RANGE	STOCK #	EACH
24" Bladder Style Manhole Tester	20.0 to 24.3"	18425	\$
26" Bladder Style Manhole Tester	24.5 to 26.3"	18426	
30" Bladder Style Manhole Tester	25.0 to 30.3"	18427	
32" Plate Style Manhole Tester	18.0 to 30.0"	18428	
Gas Vacuum Pump with Briggs & Stratton Engine	—	18429*	
Gas Vacuum Pump with Honda Engine	—	18416	
Vacuum Generator	—	18434	
High-Flow Vacuum Generator	—	18417	
24" Replacement Bladder	—	18430	
26" Replacement Bladder	—	18431	
30" Replacement Bladder	—	18432	
Optional Wheel Kit	—	18433	

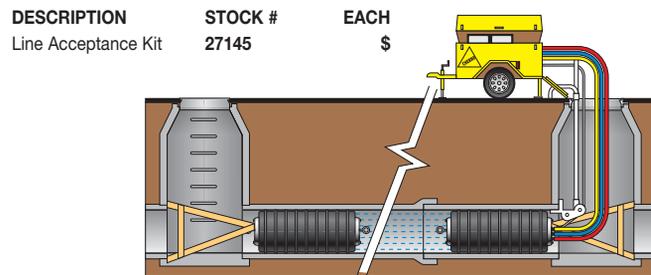
*Shipping: Ships motor freight.



Hi-Flow[™] Air-Loc[®] Line Acceptance Kits

- Economical and accurate
- Up to 4 times faster than other test methods

Contains everything you need to conduct line acceptance tests except an air compressor and two pipe plugs. **Includes:** control panel, 50' triple hose assembly (with quick disconnects) and 30' poly-lift/inflation hose.



Cherne Air-Loc[®] Leak Locator Plugs

Use Air-Loc leak locator plugs for pressure testing of sewer lines. They're ideal for both sewer air testing and leak location testing.

These lightweight plugs have broad expansion ranges, eyebolts on both ends, are bendable to 90°, and have easy-to-use quick disconnect hose connections.

The front plugs have color-coded inflation ports (for plug inflation, test area inflation and test read back), removable air fittings and flexible internal hoses. Front plugs are field replaceable up to 18" using only a crescent wrench. The back plugs have a versatile design, allowing them to be used to block sewer flow.

Air testing of sewer lines has been proven to be an accurate and reliable way to detect and locate leaks.



Includes safety instructions

NOMINAL SIZE	MIN/MAX DIAMETER	PSI	FT H ₂ O	STOCK #	EACH
FRONT PLUGS					
6 to 12"	5.50"/12.3"	15	34	37108	\$
8 to 12"	7.00"/12.3"	15	34	37109	
12 to 18"	10.75"/18.8"	15	34	37110	
15 to 32"	15.00"/32.00"	11	25	26996	
24 to 48"	20.50"/50.00"	10	23	26997	
BACK PLUGS					
6 to 12"	5.50"/12.3"	15	34	37100	\$
12 to 18"	10.75"/18.8"	13	30	37101	