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Drain Testing 'U' Gauge Kit



Operating Instructions

Drain Testing 'U' Gauge Kit



'U' Gauge Kit consists of:

- 'U' Gauge (code 67200)
- Hand Bellows (code 67210)
- 3 x Rubber Hose (code 67220 x 3)
- 'T' Piece (code 67230)
- 1/2" Brass Nipple (code 67240)

Setting Up

1. Seal the drain or pipe to be tested with the appropriate size Drain Testing Plugs, turning the butterfly lock nut until hard resistance is felt.
2. Remove the top cap of the nearer Plug and replace it with the Brass Nipple.
3. Connect the Hose, Bellows, 'T' Piece and Plug as shown in figure 1.



Drain Testing Plug & Cap

Note

If the drain or pipe is difficult to access at one end, an Air Bag (codes 67304-6) may be found more convenient for plugging, as it can be inflated up to 1.8m away.

Testing the Drain or Pipe

Carefully fill the U Gauge to the '0' level with water and set it upright using the hinged lid and any suitable heavy object. Taking care not to blow the water out of the gauge, pump air into the circuit using the bellows, until the water level reaches '100' on the open side of the gauge.

Leave for a few minutes. Any leakage in the pipe or drain will pull the air back through the hose, causing a steady drop of the water back to '0'.

If a leak is suspected, but no movement is indicated initially, it is possible to leave the gauge for a while. However, the air movement can cause the gauge water to be drawn into the hose and thus the pipe, which may not be desirable.

If the water remains at the '100' mark, the system is airtight and indicates no leaks.

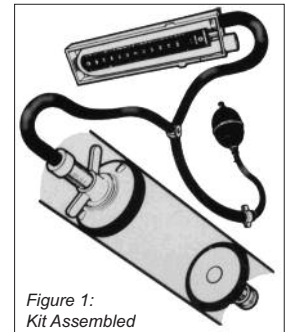


Figure 1:
Kit Assembled

Care and Maintenance

Occasionally wash the U Gauge through with warm water and liquid soap to prevent any discolouration inside the tube. If the kit is contaminated in use (e.g. dropped in a pipe or has liquid accidentally blown through), all parts should be cleaned through and allowed to dry for several hours.

All parts can be purchased separately.



Air Bag Stopper & Hand Pump

Drain Testing & Associated Equipment

York Survey Supply Centre carry a range of items, from Manhole keys to drain dyes and water pumps. Please call for details.