

Plastic Sump Pipe Leak Test and Insertion Machine

This machine combines TQC's experience of leak detection and automatic inserting. In the case of this machine, if the leak test fails, the automatic inserting process will not actuate.

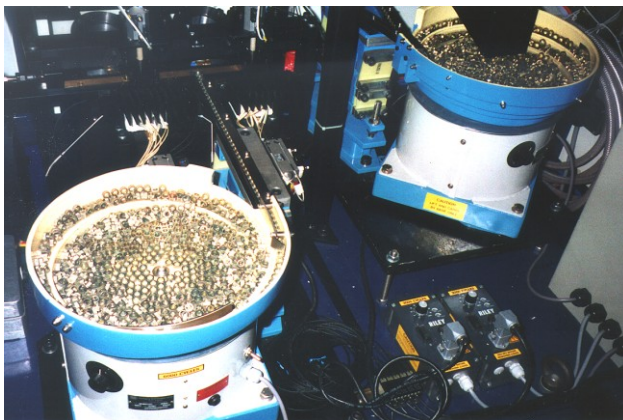


Key Features

- Simple to operate
- Floor to floor cycle time of 35s for 2 components.
- 80% Vacuum leak test
- 1 Hot insert (250°C)
- 2 Cold inserts
- Controlled by a PLC
- Calibration satisfies the requirements of ISO9001

Vacuum Leak Test

The test pieces and the reference volume are simultaneously evacuated. The air in the system is then allowed to stabilise, with the supply valves all closed. The differential pressure is then measured using a transducer.



Inserts

Both types of insert are presented to the component by a combination of vibratory bowl feeders and automatic handling system. There are two oval inserts and one hot insert which is automatically melted into the plastic.

Safety Guard System

A well proven safety system, built to UK and European Safety standards allows a fast loading and unloading of the test pieces.

Full documentation

The equipment is supplied with full CE Marking, operator and service manuals, spares list and maintenance wiring diagrams.

