

SEMI-AUTOMATIC LEAK DETECTOR



The Challenger Drumtech Semi Automatic Leak Detector will handle standard 205 litre capacity steel or plastic closed top drums, which are clean and dry in line with International quality control requirements.

The drums are hand fed onto the base and then discharged manually on completion; however, it can be sited on a gravity roller conveyor track or adjacent to a platform to suit the customer's layout to ease manual handling.

Once the drum is placed on the base and the bung aligned with the nozzle, a pneumatic valve lowers the nozzle and charges the drum with air. When the air is stabilised and the 'ready to test' light illuminates, ultrasonic testing for leaks takes place and a green or red light shows either pass or fail respectively. A proof bung with a known leak is supplied with the machine and this should be used with a known good drum to check the calibration of the machine on a twice daily basis.

Technical Information

Production rate	120 drums per hour
Electrical supply	230/1/50 VAC
Environmental protection	IP55
Power requirement	0.375 kW
Compressed air pressure	4.5 Bar
Dimensions	2.0 m by 1.5 m by 0.75 m