

ET 99W-COM

COMPLIANCE LEAK TEST



The leak interception tracer ET99W-COM finds out the leaks in the external environment of the piece that must be tested. This test system applies in every components type, provided that there is the possibility to contain the same one in a airtight bell or the possibility to intercept the escape on two different chambers (valves in general). The test is carried out pressurizing the detail from the inner side or from one of the two chambers, and then there is the detection of the pressure variation in the environment situated between the bell and the element or in the other chamber. ET99W-COM can furthermore execute a control of optional seal on the bell and it is combined with a rapid drainage valve for tests which are superior to 5 Bar. This test system is suitable for execute tests with acceptance test pressure till 200 Bar, as it is structured in order to respect the necessary safety conditions not only for the operator, but also for the surrounding environment. This test system is characterized by a highest sensibility (according to rules 10/100 times compared to the traditional systems, and more over working with elevated pressures) and by the test execution speed, as the same one coincides with the pressurization phase of the detail that must be tested.



suitable for test up to 200 bar

*high measure sensibility
(10/100 times faster than traditional methods)*

born for compliance test

APPLICATIONS

Household-electrics: boilers, air-conditioners, washing machine, heaters, heat-exchangers...

Car: rims, cylinders, valves, filters, radiators, pumps, engine bases, brake circuits, water circuits, fuel tanks, gearboxes, injectors...

Mechanics: pumps, gearboxes, electrovalves, pneumatic valves, pneumatic components, oildynamic circuits...

Package: food bags, watertight containers, bottles, plastic components, plastic bags, pipettes, syringes...

TECHNICAL DETAILS

230Vac feeding (110Vac on request)

Leak-flow pressure in scales: from - 1 to 200 Bar (other pressures available on request)

Direct pressure on mBar scale measurement

Leakage pressure measurement on Pa; resolution 0,1 Pa

Leak-flow function on bell-lock in depression (Optional)

External valve of measure-block (essential to test over 5 bar)

External valve of feed release (essential to test over 50bar)

High brightness 80 characters LCD viewer

Manual pressure regulation.

Pieces counter memory and Real Time Clock

40 test programs setting by the operator

Tracer calibration instrument as ISO rules

Connector with signals for remote control of 24 Vdc

Serial line RS232 for printer connection

Isolated serial line for connection to networks with FOR TEST© protocol

Serial line for PLC interface connection or FOR TEST© expansions

Operating temperature min. 5°C / max. 40°C

ACCESSORIES

External Start push-button - Start pedal - External Start/Abort push-button - External multi-program selection push-button - Electronic pressure regulation (until some pressures) - End test automatic drainage - Serial converter kit - Digital calibration - Bar-code scanner - Tests report printer - Software Leak test manager - Software custom

EXTERNAL APPEARANCE

Refined painted plastic container with anti-reflex serigraphy on façade

Weight: 8 Kg.

Dimensions: 365x335x130 mm.

