

ET 99W-CIL

CYLINDERS LEAK TEST



ET99W-CIL is the high performances instrument ideal for the functional end line analysis of pistons, pneumatic, master cylinders, hydraulic cylinders and cylinder actuators.

The system is composed of ET99W with management software modification and an external pneumatic group, in order to execute cycles automatically:

- Forward/Backward moving test, with programmable/excludable cycles number and moving duration;
- Leak tests on first chamber, with dedicated and independent parameters;
- Leak tests on second chamber, with dedicated and independent parameters.

Twenty serial programs allow to test a great number of these components, with the possibility to set up independently all the parameters of test phases.

ET99W equipment can be completed with Windows operating software, or simply printing reports, in order to have an archive of production.

Easy use and easy installation, the dry test without water or oil implants, combined with exceptional precision and measurement speed, make this system absolutely necessary for quality control of components.

Suitable for tests on cylinders or two separated chambers

PCs, PLCs, printers and peripherals connections



*Tests in succession on two chambers
with independent parameters*

APPLICATIONS

Pneumatic pistons, oleodynamics cylinders, rotating actuator, etc...

TECHNICAL DETAILS

230Vac Feeding (110Vac upon request)

Seal-flow pressure in scales: from - 1 to 15 Bar (other pressures available upon request)

Pressure and loss reading in mBar

Motorola MC68HC11F1 microprocessor

EPROM program memory

High brightness 80 characters LCD viewer

Manual regulation of pressure (electronic regulation upon request)

Led bars indicator for pressure, loss, flow, tests advancing status and results

20 bit analogic input, with conversion speed of 10 con/sec on 3 channels

PGA logic for loss measure in 16 bit "windows"

Measure loss precision better than 100.000 points on full scale

EEPROM parameters memory with control algorithms

Pieces counter memory and Real Time Clock

40 test programs settable by the user

Tracer calibration instrument compliant with 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

ACCESSORIES

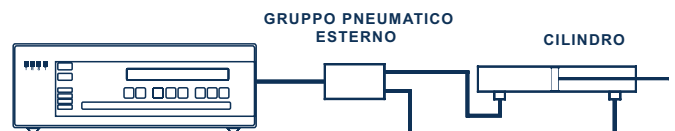
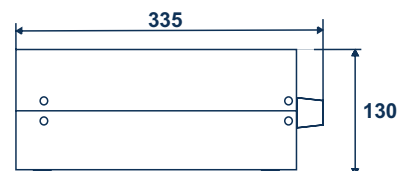
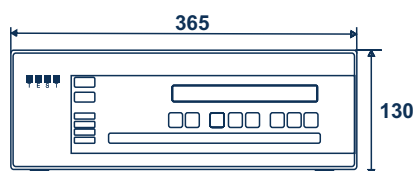
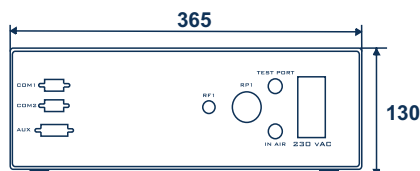
External Start push button - Parameters block key - Start pedal - External Start/Abort push button - External multi-program selection push-button - Electronic pressure regulation - Serial converter kit - ET11 digital calibration - Bar-code scanner - Printer Software cylinder manager - Software custom - Drain valve - Air-filter kit

EXTERNAL APPEARANCE

Plastic container with serigraphy on façade

Dimensions: 365x335x130 mm.

Weight: 8,5 Kg



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