

# Cylinder hydraulic expansion test control unit

## WINJ72 model

High quality and best performance



### Description

The WIN72 unit is useful to determine the residual volumetric expansion of the cylinder under test pressure control.

The unit is composed by the following:

- A painted steel cabinet. In it, you can find the hydraulic test pump and the hydraulic circuit. On the top surface of the cabinet, the control valves and optionally the pressure recorder are installed;
- An expansion checking device by means of electronic weight method – 0,1 grams accuracy;
- A water jacket containing the cylinder during the test. According to the enclosed dimension technical data, there are one or two water jackets for properly testing the cylinders.

### Technical data

Painted steel cabinet equipped for floor fastening, complete with:

- o Front panel for easily accessing the internal devices
- o Flat support with manual control valves
- o Face support with gauges
- o Hydraulic test pump with pneumatic motor
- o Hydraulic high pressure circuit
- o DN150, 1% precision gauge for test pressure control
- o Pressure recorder with electric motor. One complete turn is equivalent to 1 hour (option). The recorder includes 5 pens and 100 circular diagram
- o Inlet motor air control gauge
- o Inlet air treatment device
- o Flexible hoses for jacket connection

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## EXPANSION TEST CAPACITY

Total volume c.c. 600  
Increment 0,1 grams

## WATER JACKET FOR CONTAINING CYLINDERS

Jacket	Max cylinder dimensions
WJ 10/27	Ø 270, H 960 mm
WJ 18/27	Ø 270, H 1680 mm



## PERFORMANCES AND SUPPLY

- ° Electric supply: 220 V, 50 Hz, single phase
- ° Pneumatic supply: 7 bar, 250 Nlt/1'
- ° Water supply: max 3 bar, 10 Lt/1'
- ° Max test pressure: 500 bar
- ° Max cylinder dimensions: Ø 270, H 960 mm  
Ø 270, H 1680 mm
- ° Standard cylinder connection: W28.8 DIN 477

## OPTIONS

- ° Pressure recorder: 1 complete turn = 1 hour
- ° Electronic expansion check system with higher accuracy (0,01 gr.)

PER MAGGIORI INFORMAZIONI:  
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