

# Cylinder hydraulic expansion test control unit

## Model WINJ72

High quality and performance



### Description

The WIN72 is useful to find out 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.
- A burette bank panel with 6 burettes. The panel is fixed to a floor support and is provided with a sliding column helpful for adjusting the burette level to the reading point during the test.
- A water jacket containing the cylinder during the test. According to the enclosed dimension technical data, there are two water jackets for properly testing the cylinders.

### Technical data

Painted steel cabinet, equipped for floor fastening, complete with:

- o Frontal 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 15 minutes (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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## BURETTE BANK CAPACITY (with 6 burettes)

|                     |      |      |     |     |     |     |
|---------------------|------|------|-----|-----|-----|-----|
| c.c. total capacity | 12,5 | 25   | 50  | 125 | 250 | 360 |
| c.c. increment      | 0,02 | 0,05 | 0,1 | 0,2 | 1,0 | 1,0 |

## WATER JACKET FOR CONTAINING CYLINDERS

| Jacket   | Max cylinders dimensions |
|----------|--------------------------|
| WJ 10/27 | Ø 270, H 1000 mm         |
| WJ 18/27 | Ø 270, H 1800 mm         |



## PERFORMANCES AND SUPPLY

- ° Electric supply: 220 V, 50 Hz, single phase
- ° Pneumatic supply: 7 bar, 250 Nit/1'
- ° Water supply: max 3 bar, 10 Lt/1'
- ° Max test pressure: 500 bar
- ° Max cylinder dimensions: Ø 270, H 1000 mm  
Ø 270, H 1800 mm
- ° Standard cylinder connection: W28.8 DIN 477

### OPTIONS

- ° Pressure recorder: 1 complete turn = 15 minutes
- ° Electronic expansion check system

> PER MAGGIORI INFORMAZIONI:  
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