

Hydraulic testing bench for special cylinders of inert gases and clean agents

Model FIT50/4410

For cylinders with diameter up to 410 mm



Description

The equipment is designed for the hydraulic testing of high pressure cylinders with diameter up to 410 mm, that are the cylinders used in the inert gas and clean agent extinguishing systems.

The unit is suitable to test 4 cylinders at a time. Unlike the traditional testing manifolds, this unit avoids the operator to handle cylinder prefilled of water. Thanks to the integrated cylinder inverter and manifolds, water filling, pressure testing and cylinder emptying operations are carried on jointly by the FIT50/4410, making the whole procedure easier, faster and safer.

TECHNICAL SPECIFICATIONS

MODEL	FIT50/4410
Cylinder places	4
Cylinders tested per hour (max - depending on the size)	Up to 24
Minimum cylinder clamping diameter (mm)	200
Max cylinder clamping diameter (mm)	410
Minimum cylinder height (mm)	850
Max cylinder height (mm)	1900
Max testing pressure (bar)	450
Required air pressure (bar)	Min 7, max 10
Voltage/Frequency (VAC/Hz)	400/50
Installed power (kW)	2
Dimensions (W x L x H) (mm)	3050x2240x2500
Weight (approx kg)	800

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Cylinders during emptying operations



MAIN COMPONENTS AND DEVICES

- > Painted steel support structure
- > 2 sets of spring based cylinder clamping unit
- > Cylinder fast emptying system
- > Air/water distribution manifold
- > Front photocell protection
- > Main switchboard with 24V. controls

STANDARD INCLUDED ACCESSORIES

- > Fast coupling filling connectors with W28.8 DIN477 thread (25E)
- > Fast coupling testing connectors with W28.8 DIN477 thread (25E)
- > Fast draining nozzles (25E)
- > Filling and testing flexible hoses

ADDITIONAL EQUIPMENT AND ACCESSORIES ON REQUEST

DESCRIPTION

MODEL

ELECTRICALLY DRIVEN TEST PUMP UP TO 300 bar	N7/15-300
ELECTRICALLY DRIVEN TEST PUMP UP TO 500 bar	N7/15-500
ADAPTER ALLOWING TO TEST CYLINDERS FROM 500 TO 900 mm IN HEIGHT	FOOT 500-4410
ADAPTER ALLOWING TO TEST CYLINDERS FROM 140 TO 200 mm IN DIAMETER	FOOT 100-4410
800 ltr WATER TANK COMPLETE OF ELECTRIC PUMP FOR FAST FILLING OF CYLINDERS TO BE TESTED	TANK800
WATER RECOVERY TANK COMPLETE OF ELECTRIC PUMP AND ACCESSORIES ALLOWING TO RECOVER OR TO PURGE THE WATER AFTER EACH TEST CYCLE	BWT50
FRONT PROTECTION SLIDING DOOR PREVENTING PRESSURE TEST IF DOOR IS NOT CLOSED	FPF50
FAST COUPLING FILLING AND TESTING CONNECTORS FOR 1" NGT CYLINDERS	HTQ10 – HTF10
FAST COUPLING TESTING CONNECTORS FOR 17E (19,8x1,814 DIN477)	HTQ12
FAST COUPLING FILLING AND TESTING CONNECTORS FOR 3/4 NGT CYLINDERS	HTQ34 – NGT
FAST COUPLING FILLING AND TESTING CONNECTORS FOR DIFFERENT CYLINDERS THREADS	HTQ– HTF

> PER MAGGIORI INFORMAZIONI:
FOR FURTHER INFORMATION CONTACT:
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