

Hydraulic testing unit

For gas cylinders and fire extinguishers, FIT/50 series

EASY, SAFE AND FAST HIGH PRODUCTIVITY CYLINDER TESTING SYSTEM



Units designed for the hydraulic testing of extinguishers and industrial or medical gas cylinders.

FIT50 series is composed by two basic versions which differ each other for the number of cylinders tested simultaneously: FIT/50 model for 6 cylinder testing cycle and FIT/50 DUO for 6 + 6 cylinder each testing cycle.

Unlike the traditional testing systems, the FIT/50 unit allows to perform without cylinders full of water. The refilling, testing and draining operations are performed inside the single unit, making the whole procedure less laborious, faster and safer.

In particular, the FIT/50 DUO allows alternate operations on 2 inverters with 6 cylinders on test and the other 6 on test set up, speeding up the process and increasing productivity.

TECHNICAL SPECIFICATIONS

MODEL	FIT/50	FIT/50DUO
CATALOG ITEM	MZCZ001	MZCZ010
Cylinders/extinguishers places	6	12 (6+6)
Cylinders/extinguishers per hour	30	60
Minimum cylinder clamping diameter (mm)	160	160
Maximum cylinder clamping diameter (mm)	270	270
Minimum cylinder height (mm)	900	900
Maximum cylinder height (mm)	1700	1700
Maximum testing pressure (bar)	450	450
Air feeding pressure (bar)	10	10
Voltage/Frequency (VAC/Hz)	400/50	400/50
Power (kW)	2	4
Dimensions (WxLxH) (mm)	3050x2240x2500	6700x2240x2500
Weight (kg)	800	1680

Models for different voltages and frequencies are available on request.





COMPONENTS AND DEVICES

- > Painted steel support structure
- > Spring based cylinder blocking unit with active safety device
- > Fast cylinders emptying system
- > Air/water distribution manifold
- > Protective cover equipped with sensors
- > Main switchboard with 24V. controls

STANDARD EQUIPMENT

- > Fast coupling filling connectors with W28.8 DIN477 expansion seal
- > Fast coupling testing connectors with W28.8 DIN477 expansion seal
- > Fast draining nozzles
- > Filling and testing flexible hoses

OPTIONALS ON REQUEST



DESCRIPTION	MODEL	CODE
PNEUMATIC PUMP FOR HYDRAULIC TESTING UP TO 400 BAR	N7/2	MACP005
PNEUMATIC PUMP FOR HYDRAULIC TESTING UP TO 500 BAR	N7/5	MACP012
ADAPTER FOR CYLINDER/EXTINGUISHER 500 TO 900 MM IN HEIGHT	FOOT500	AZCZ045
ADAPTER FOR CYLINDER/EXTINGUISHER 110 TO 160 MM IN DIAMETER	FOOT100	AZCZ046
800 L WATER TANK COMPLETE OF ELECTRIC PUMP FOR FASTING FILLING OF CYLINDERS AND EXTINGUISHERS	TANK800	MACE010
WATER RECOVERY TANK FOR FIT50 UNIT COMPLETE WITH ELECTRIC PUMP	BWT50	AZCZ035
FAST FITTING TESTING CONNECTOR FOR 1" NGT ASA CYLINDERS	HTQ10	MZCZ034
FAST FITTING TESTING CONNECTOR FOR 19.8 X 1.814 DIN477 CYLINDERS	HTQ12	MZCZ030
FAST FITTING FILLING CONNECTOR FOR 1" NGT CYLINDERS	HTF10	MZCZ036
REDUCING CONNECTION W28.8 F X M18 -1.5 M BETWEEN CYLINDER AND SERIES TESTING CONNECTOR	HTR34	MZCZ043
REDUCING CONNECTION W28.8 F X G3/4 BSPM BETWEEN CYLINDER AND SERIES TESTING CONNECTOR	HTR34	MZCZ043-1
REDUCING CONNECTION W28.8 F X M25-2 M BETWEEN CYLINDER AND SERIES TESTING CONNECTOR	HTR34	MZCZ043-2
REDUCING CONNECTION W28.8 F X 1" BSPM BETWEEN CYLINDER AND SERIES TESTING CONNECTOR	HTR34	MZCZ043-3
REDUCING CONNECTION W28.8 F X ROUGH BETWEEN CYLINDER AND SERIES TESTING CONNECTOR	HTR34	MZCZ043-4
REDUCING CONNECTION W28.8 F X M30 -1.5 M BETWEEN CYLINDER AND SERIES TESTING CONNECTOR	HTR34	MZCZ043-5

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Easy, safe, modular