

QD-7030-V3

HOSE TEST SYSTEM (MANUAL)

- Unassisted operation
- Manual loading / unloading
- Pressure test and leak control
- Reliable and durable structure
- User friendly interface
- Data logging and reporting
- Low maintenance requirement



QD-7030-V4

HOSE TEST SYSTEM (LINE INTEGRATED)

- Fully integrated into production line
- Automatic infeed / outfeed
- Automatic cycle and synchronization
- Line status communication
- Automatic data tracking
- High efficiency and quality control



TECHNICAL SPECIFICATIONS

	QD-7030-V3 (MANUAL)	QD-7030-V4 (LINE INTEGRATED)
Machine Type	Unassisted Hose Test System	Line Integrated Hose Test System
Operation Mode	Manual loading / unloading	Automatic infeed / outfeed (integrated into line)
Test Pressure Range	0,2 - 10 bar (optional 2 - 100 bar)	0,2 - 10 bar (optional 2 - 100 bar)
Pressure Accuracy	±0,05 bar	±0,05 bar
Test Medium	Water, Air, Nitrogen (other liquids / gases optional)	Water, Air, Nitrogen (other liquids / gases optional)
Applicable Hose Diameter	Ø6 - Ø50 mm (optional up to Ø100 mm)	Ø6 - Ø50 mm (optional up to Ø100 mm)
Hose Length	300 - 2000 mm	300 - 2000 mm
Applicable Hose Types	Pneumatic, Water, Gas, Food, Chemical, Low Pressure Hydraulic Hoses	Pneumatic, Water, Gas, Food, Chemical, Low Pressure Hydraulic Hoses
Test Method	Pressurization - Stabilization - Leak Control	Pressurization - Stabilization - Leak Control
Test Duration	1 - 999 sec (adjustable)	1 - 999 sec (adjustable)
Control System	PLC + 10" Touchscreen HMI	PLC + 10" Touchscreen HMI
Data Logging	USB / Ethernet (optional)	USB / Ethernet / MES / ERP (optional)
Line Communication	-	Profinet, EtherNet/IP, Modbus TCP, Digital I/O
Body Material	AISI 304 Stainless Steel	AISI 304 Stainless Steel
Safety	Safety door switch, emergency stop, pressure relief system	Safety door switch, emergency stop, pressure relief system
Power Supply	230 VAC / 50 Hz	230 VAC / 50 Hz
Pneumatic Supply	6 - 8 bar	6 - 8 bar
Dimensions (LxPxH)	2000 x 900 x 1200 mm	2000 x 900 x 1200 mm

STANDARD FEATURES

- Stainless steel body
- Electronic pressure regulator
- Pressure sensor
- PLC control system
- 10" touchscreen HMI
- Data acquisition and high speed

- Emergency stop button
- Acoustic and visual alarm
- Safety door switch
- Pressure relief system
- Quick connections

OPTIONAL FEATURES

- High pressure version (up to 100 bar)
- Different diameter options (up to Ø100 mm)
- Automatic cover opening / closing system
- Barcode / QR code reader
- Data transfer software
- Adaptation for robot loading / unloading

APPLICATION AREAS



WATER
LINES



PNEUMATIC
SYSTEMS



GAS
APPLICATIONS



FOOD
INDUSTRY



CHEMICAL
APPLICATIONS



INDUSTRIAL
APPLICATIONS

V4 DIFFERENCE: LINE INTEGRATION



Automatic Infeed



Automatic Outfeed



Line Status Communication



Automatic Cycle



Data Tracking and Integration

