

Airless BlueLine › Model no. 1520

Data communication via LAN

Network-compatible

Remote maintenance via Internet

Standards

ISO 1167

ASTM D 1598

ASTM D 1599

Description

The internal pressure creep test is a test procedure for determining the strength of thermoplastic pipes. The specimens are subjected to a constant hydrostatic internal pressure at a constant ambient temperature either for a specified period or until they fail. The test duration is subject to the tension generated by the internal pressure and the temperature.

The 1520 Airless BlueLine model is an additional module in the pipe tester series. It combines the tester's exceptional reliability with simple operation without making any compromises with respect to precision and flexibility.

Simple and safe operation

- Convenient operation and clear visualisation via integrated touch display

Reliable test results

- Microprocessor-controlled, self-learning pressure regulation with automatic failure detection
- Optional precision pressure transducer incl. pressure gauge for checking the actual pressure before or during the test and for performing self-calibration
- Simple calibration of the test pressure during the test

Lasting efficiency

- High-quality unit components guarantee high reliability, a long service life and low maintenance costs
- Easy to extend with minimal investment

State-of-the-art technology

- Interface to IptDataLogging®
- Connection to Pipeson Data Manager Software



Basic cabinets



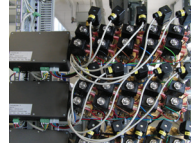
Pressure range up to	bar
Integrated high-pressure pump	
Pump capacity	l/min
Second system pressure	
Stainless steel pressure reservoir	
Max. number of modules in cabinet	
Max. number of stations in cabinet	
Precision pressure gauge	
Integrated control unit via 12.1" touch-screen	
External control unit (PC)	
Operation via IptDataLogging®	
Compatibility with IptDataLogging®	
Data interface to internal programs	
CE conformity	
Width	mm
Depth	mm
Height	mm
Weight (with 20 stations)	kg
Voltage data	

V1520-0029	V1520-0025	V1520-0027
100	100	200
●	●	●
3	6	6
-	-	●
●	●	●
4	4	4
20	20	20
○	○	○
○	○	○
○	○	○
○	○	○
From version 4.x		
Fast Ethernet (10/100 Mbit)		
	●	
720	720	720
830	830	830
1770	1770	1770
230	230	230
230/400 V, 50/60 Hz (other voltages on request)		

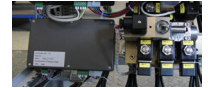
● included ○ available/optional □ eligible - not available

» Modules

Hydrostatic pressure tests



Burst tests



	V1675-0051	V1675-0052	V1675-0061	V1675-0062	V1675-0064	V1672-0011
Pressure range up to	60	100	60	100	160	200
Number of stations	5	5	5	5	5	1
Extension station	-	-	-	-	-	○
Pressure regulation via microprocessor controller	●	●	●	●	●	●
Regulated pressure increase (linear)	-	-	-	-	-	●
Regulated pressure stages (linear)	-	-	-	-	-	●
SensLine connection	-	-	●	●	●	●
10-bar pressure transducer	□	□	□	□	-	-
16-bar pressure transducer	□	□	□	□	-	-
25-bar pressure transducer	□	□	□	□	-	-
40-bar pressure transducer	□	□	□	□	-	-
60-bar pressure transducer	□	□	□	□	□	□
100-bar pressure transducer	-	□	-	□	□	□
160-bar pressure transducer	-	-	-	-	□	□
250-bar pressure transducer	-	-	-	-	□	□
Accuracy class for pressure transducer	0.50% of full scale of pressure transducer					

● included ○ available/optional □ eligible - not available

» Precision pressure gauges





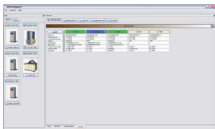


V1578-0008
 with
 V1156-0023

Pressure range up to	bar	160
25-bar pressure transducer		<input type="checkbox"/>
40-bar pressure transducer		<input type="checkbox"/>
60-bar pressure transducer		<input type="checkbox"/>
100-bar pressure transducer		<input type="checkbox"/>
160-bar pressure transducer		<input type="checkbox"/>
250-bar pressure transducer		<input type="checkbox"/>
Accuracy class for pressure transducer		0.10 % of full scale of pressure transducer

included
 available/optional
 eligible
 - not available

»»» Accessories

Product	Description	Model no.
	Test bath <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	1751-1757 <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
	Test oven <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	1662 <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
	Endclosures <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	1732, 1733 1684 1685 <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
	Test and burst chambers <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	1639 1618 <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
	iptDataLogging® test data management software <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	1613 <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>