

Model no. 1774

## AIRLESS BLUE LINE



According to

ISO 1167

ASTM D 1598

ASTM D 1599

The internal pressure creep test is a test procedure for determining the strength of thermoplastic pipes. The samples 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 1774 Airless model is the most innovative development in state-of-the-art internal pressure creep testers. Its compact design, flexibility and precision remain unparalleled.

**EASY AND SAFE OPERATION**

- > Convenient operation, evaluation of results and clear visualisation via complex PC operating software
- > Operator and service-friendly access to all important components from the front of the unit

**RELIABLE TEST RESULTS**

- > Microprocessor-controlled, self-learning pressure regulation with automatic failure detection
- > 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

**STATE-OF-THE-ART TECHNOLOGY**

- > Frequency-controlled pumps for infinite adjustment of the pump capacity to current demand
- > Interface to IptDataLogging®

**VERSION BASIC CABINETS**

	V1774-0003	V1774-0004
Pressure range up to	100	200
Integrated, frequency-controlled high-pressure pump	✓	✓
Pump capacity	6	6
Power (motor) pressure supply	4.5	5.5
Second system pressure	-	+
Stainless steel pressure accumulator	✓	✓
Max. number of modules in cabinet	5	5
Max. number of stations in cabinet	25	25
External control unit (PC)	+	+
Operation via IptDataLogging®	+	+
Compatible with IptDataLogging®	from version 5.X	
Data interface to internal programs	fast ethernet (10/100 Mbit)	
WLAN control unit (tablet)	+	+
CE conformity	✓	✓
Dimensions (W x D x H)	720 x 770 x 1,600	720 x 1,130 x 1,600
Voltage data	230/400 V, 50/60 Hz * other voltages	

✓ included

+ available/optional

○ eligible

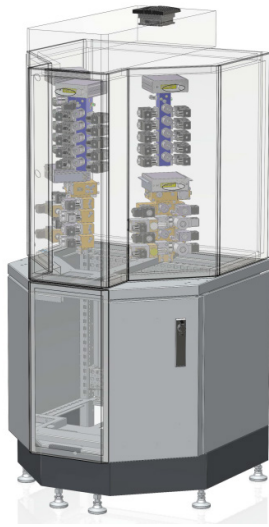
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**MODULES AIRLESS BLUE LINE**

Hydrostatic pressure tests

Burst tests



**V1774-0010**

**V1774-0011**

**V1722-0041**

**V1722-0042**

		V1774-0010	V1774-0011	V1722-0041	V1722-0042
Pressure range up to	bar	100	200	100	200
Number of stations		5	5	1	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	%	0.25 of full scale of pressure transducer			

✓ included






+ available/optional

○ eligible

- not available

\* available upon request

## ACCESSORIES AIRLESS BLUE LINE

Product	Description	Model no.
	Test bath	1751 - 1757
	Test oven	1662 1674 1776
	Endclosures	1732 1784 1685
	Test and burst chambers	1639 1618
	Test data management software IptDataLogging®	1780