

Model no. 1785

AIRLESS BASIC LINE



According to

ISO 1167

ASTM D 1598

ASTM D 1599

The internal pressure creep test is a test method for determining the strength of thermoplastic pipes. The test samples are exposed to a constant, internal hydrostatic pressure at a constant environmental temperature either for a predetermined time or until failure. The stress duration depends on the tension generated by the internal pressure and the temperature. The model 1785 is ideal for beginners and customers with a low test volume. The compact design offers a simple way to perform reliable tests in an efficient manner.

EASY AND SAFE OPERATION

- > Convenient operation and clear visualisation with IptUserInterface®

RELIABLE TEST RESULTS

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

LASTING EFFICIENCY

- > High-quality equipment components to ensure high reliability, a long service life and low maintenance costs

STATE-OF-THE-ART TECHNOLOGY

- > Interface to IptDataLogging®



VERSION AIRLESS BASIC LINE	BASIC LINE Hydrostatic pressure test	BASIC LINE BURST Berst test
	V1785-0001	V1785-0002
Compact design	✓	✓
Pressure range up to bar	100	100
Integrated high-pressure pump	✓	✓
Pump capacity l/min	3	3
Stainless steel pressure accumulator	✓	✓
Number of stations	5	1
Pressure regulation via microprocessor controller	✓	✓
Regulated pressure increase (linear)	-	✓
Regulated pressure stages	-	✓
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	○	○
Accuracy class for pressure transducer %	0.50 of full scale of pressure transducer	
External control unit (PC) with IptUserInterface	✓	
Operation via IptDataLogging®	+	
Compatible with IptDataLogging®	from version 5.x	
Data interface to internal programs	fast ethernet (10/100 Mbit)	
CE conformity	✓	
Dimensions (W x D x H) mm	580 x 600 x 900	
Weight kg	140	
Voltage data	230/400 V, 50/60 Hz * other voltages	

✓ included

+ available/optional

○ eligible

- not available

* available upon request

ACCESSORIES AIRLESS BASIC LINE

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