

Digital Burst Tester 1614/1615

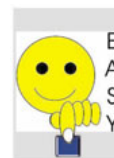
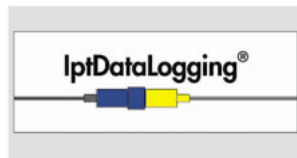
Airless System up to 200 bar linear



1614 for burst pressure tests
1615 for hydrostatic and burst pressure tests (Delayed Burst)

IptData

- Full-hydraulic system with Central Pressurized Water Supply
- Wide pressure operating range up to 200 bar with programmable linear pressure increase for burst pressure tests
- Combined hydrostatic internal pressure and burst pressure tests (Delayed Burst)
- Automatic pressure regulation system with high accuracy
- Connection to optional burst chamber for burst tests on fittings up to a nominal diameter of 160 mm
- Enormous packing density: up to 3 test stations per control panel; the remaining space can be equipped with hydrostatic pipe testers
- High durability and low service costs thanks to minimized use of mechanical components



Burst pressure tests – a complete system

You expect high pressure regulating accuracy and a wide pressure operating range

The automatic pressure regulating system operates with an accuracy of 0.5 % of full scale of the selected pressure transducer. A pressure operating range up to 160 bar or 200 bar is available for your various applications. The automatic failure detection stops tests in the burst mode as well as in the hydrostatic mode when the pressure deviation in the test sample is too large.

You demand convenient operation and easy monitoring of the tests

You enter the parameters via the user-guided display on the control panel with microprocessor. There you will obtain clear information on the status of the tests and IptDataLogging® offers you computer-supported test data recording and administration in conjunction with Ipt test units.

And: With Ipt you enjoy close consultation and comprehensive service.

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SPECIFICATIONS

Digital Burst Tester 1614/1615



Number of stations	max. 3 per control panel
Pressure range	up to 160 bar or up to 200 bar; linear burst pressure increase
Pressure increase	programmable up to 3 bar/sec in steps of 0.1 bar
Pressure transducer	selectable: 160 bar or 250 bar; grade 0.5
Absolute measuring accuracy of test unit	0.5% of full scale of pressure transducer
Regulating accuracy	0.5% of full scale of pressure transducer
Recommended working pressure range	between 50% and 100% of full scale of pressure transducer
Pressure supply	from Central Pressurized Water Supply 1574
Connections	
Power cabinet	110 up to 260 V, 50-60 Hz, approx. 800 VA constructed in accordance to VDE 0100 protective class of switch box: IP 55
Burst chamber resp. test sample	tube 8 x 1 mm
Drain	G 3/4 inch external or hose 1/2 inch
Pressurized water	tube 8 x 1 mm
Dimensions cabinet 1520	723 x 787 x 1770 mm (L x W x H)
Weight	cabinet with control panel and 1 station: 220 k
Optional	burst chamber 1618 with endclosures 1617 for burst pressure tests on fittings

QUALITY & SERVICE

Quality control	Units are subject to a rigid quality control with check routine and delivered from the factory completely assembled.
Scope of performance	<ul style="list-style-type: none">■ Ready-to-operate installation with acceptance at the client's plant (optional)■ Illustrated and clear manual
Service	<ul style="list-style-type: none">■ Training and instruction■ Maintenance and after-sales service <p>For a complete range of service work please contact the Ipt Service GmbH Tel.: + 49 (0) 82 37 / 966 - 450</p>

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**Professional test procedures require professional equipment.
Discuss your solutions with your Ipt adviser.**