

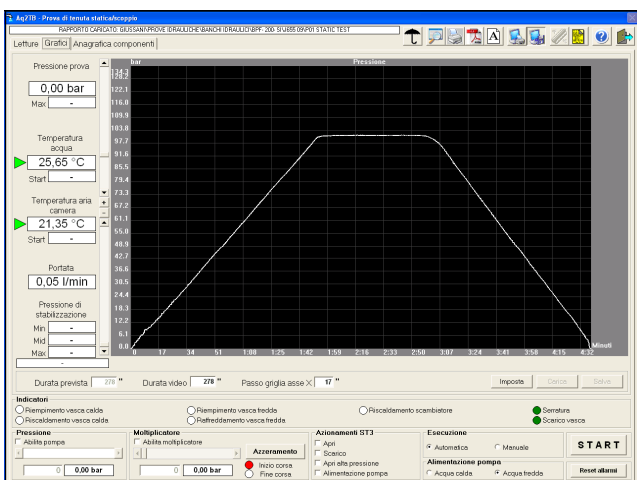
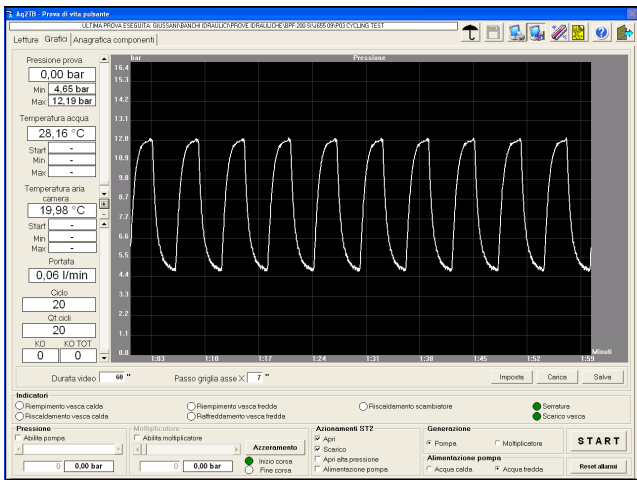
BPF250

STATIC AND PULSING PRESSURE HYDRAULIC TEST BENCH



Applications:

Hydraulic and life test of fittings, multilayer, and flexible tubes, valves, heat exchangers, sanitary taps and many others hydraulic components.



BPF250

STATIC AND PULSING PRESSURE HYDRAULIC TEST BENCH

BPF250-SI - Base model with hand priming pump

EXECUTABLE TESTS *:

- Static pressure test up to 250 bar, adjustable stabilization time, rising and falling slopes, pressure increase obtained by pressure intensifier. **(Test code: P01 - Software: AQ2TB-STATICAUT).**
- Pulsing pressure test (water hammer test), 100 bar maximum pressure, 2 Hz maximum frequency, it is possible to test more components at the same time. **(Test code: P02 - Software: AQ2TB-PULSEAUT).**
- Burst test with 250 bar maximum operating pressure, adjustable rising slope and stabilization time **(Test code: P04 - Software: AQ2TB-STATICAUT).**

MAIN SPECIFICATIONS:

Supporting structural frame made of aluminium and laminated panels, assembly on rotating wheels provided with parking brakes. Hydraulic pressure up to 100 bar by a pressure intensifier, ratio 1:32, with pneumatic circuit, high pressure supply valves and hand adjustable volume device. Testing area (500 x 900 x 1000 (h) mm approx) with lifting cover protection guard and with safety micro, testing tank made of stainless steel, provided with profiled aluminum supports and control level. Hydraulic DN 10 plant for high pressure test with dedicated servo-valves. Test bench is equipped with work-station, LCD 19" monitor, Microsoft Windows XP operative system and SWG dedicated software.

BPF250-SIC - Special model with electrical priming pump

ADDITIONAL EXECUTABLE TESTS *:

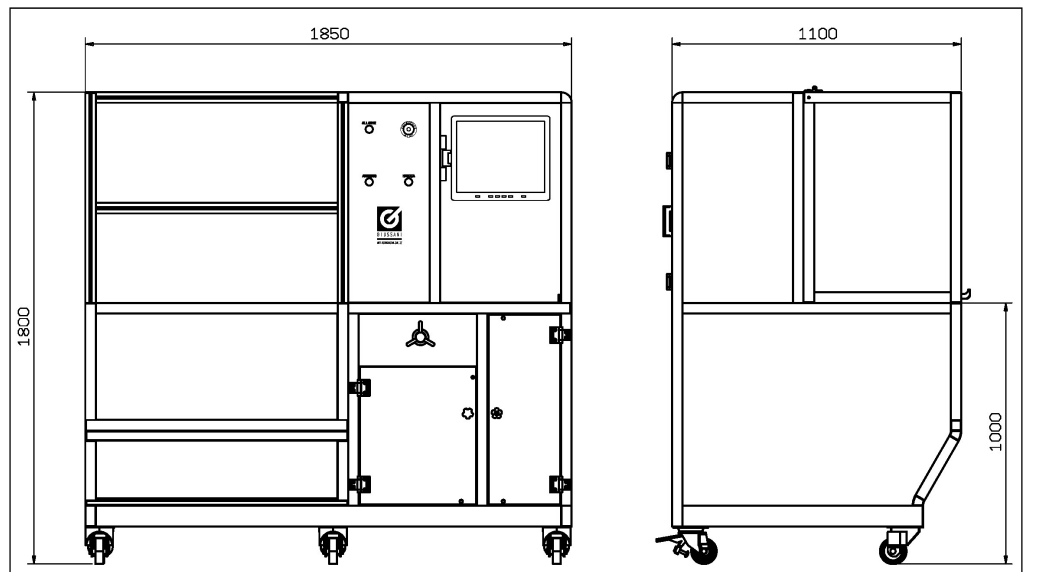
- Cycling pressure test with water circulation, minimum pressure adjustable from 0,2 to 12 bar, slopes and cycle time adjustable. It is possible to test more components at the same time **(Test code: P03 - Software: AQ2TB-PULSEAUT).**

SUPPLEMENTARY DEVICES FEATURES:

Hydraulic plant equipped with centrifugal pump to generate pressure from 0,2 to 12 bar and 10 L/min flow-rate. The pump is driven by inverter and feed-back transducer. Cold thermostatic tank of about 120 litres, 15/10 stainless steel structure with overflow pipe, outlet valve, automatic filling and safety control level.

BPF250-SI	
Static test range:	1 ÷ 250 bar
Power supply:	230 V - 50 Hz
Electric power:	1 kW
Hydraulic supply:	0,2 ÷ 6 bar
Pneumatic supply:	8 ÷ 10 bar
Size (mm):	1850 x 1100 x 1800
Weight:	~ 400 kg

BPF250-SIC	
Static test range:	1 ÷ 250 bar
Power supply:	400 V - 50 Hz
Electric power:	3 kW
Hydraulic supply:	0,2 ÷ 6 bar
Pneumatic supply:	8 ÷ 10 bar
Size (mm):	1850 x 1100 x 1800
Weight:	~ 500 kg



* Note: list and description of available tests in document: **D-TEST-IDR**



CERTIFICATION:

All the instruments are supplied with final testing, stability and accuracy certification traceable to S.I.T. standards.

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