



FUNCTIONS

- Test bench for testing and setting diesel injection rotary and in-line diesel injection pumps
- Electronic flow measurement with cylinder type metering unit, with pre-selection and digital display of the deliveries
- Injection phasing with the overflowing system at high hydraulic pressure
- Pressure feeding pump measurement
- Testing and calibration of the pneumatic supercharger (LDA)
- Equipped with speed digital display, with adjustable thermo-regulator with digital setting for controlling the hydraulic oil temperature

TEST

- In-real time graphics of each injector and of injectors range
- Automatic pump timing with graphic display of flywheel degrees
- Bench working records
- In-real time display of electronic cards I/O status
- Electro-valves status check
- Measuring sensor position check

Printable and exportable in pdf /Excel format reports

DIMENSIONS

Bench:
1750 mm x 1560 mm x 930 mm
Gross Weight: 800 kg

TECHNICAL FEATURES

Voltage	400 Volts / 50 -60Hz
Power	7,5 KW
Axle distance height	130 mm
Measuring points	8
Resolution	0,5 mm ³
Range	0,5 – 10000 mm ³
Oil temperature at pump inlet/outlet	20-100 °C (68-212 F°)
Feed pressure	0-60 bar (0-870 psi)
Pump recirculation flow meter	120-1200 cm ³ /min
Pump feed pressure gauge	0-6 bar (0-87 psi)
Pump suction vacuumeter	0-1 bar (0-750 mmHg) (0-29 inHg)
Pump pressure gauge	0-1,6 bar (0-23 psi)
Transfer pressure gauge	0-16 bar (0-232 psi)
Boosters gauge (aneroid)	0-1,6 bar (0-23 psi)
Hauling coupling	ISO Ø 120 mm
Moment of inertia of flywheel	0,439 kgm ²
Test oil tank	30 Lt
Speed adjustment range	75-3000 rpm
Temperature adjustment field	20-80 °C (68-176 °F)
Heater	2 Kw
Feeding pump	Low and High pressure 3.8 cm ³ /rev.