

DIESEL EQUIPMENT

RABOTTI DSS100

Rabotti DSS100, universal tester for Diesel injectors.

The DSS100 is a compact, easy-to-use, robust, reliable and versatile solution for the complete and automatic analysis of mechanical injectors and injector-pump injection stages. It also enables preliminary diagnosis of Common Rail injectors.





Features

Measurement of opening pressure (NOP) of single-stage mechanical injectors
Measurement of the two opening pressures (NOP1 and NOP2) of double-spring mechanical injectors
Measurement of the opening pressure of the injection stage of injector-pumps (EUI)
Measurement of the minimum opening pressure of Common Rail (CR) injectors
Nozzle seal tightness test
Visual spray pattern analysis
Electrical check of Common Rail (CR) injector solenoid coil

Technical data

FEATURE	VALUE	NOTES
Dimensions	600 x 560 x 1060h mm	
Weight	~ 90 kg	
Calibration fluid compliance	ISO 4113	SRS Calibration Fluid CV (suggested)
Test oil tank capacity	~ 6 litres	
Electrical power absorbed	400 W	Excluding fume extractor
Electrical supply	230 Vac – 50 Hz / 110V 60 Hz	L + N + PE
Injection pressure	Up to 600 bar	adjustable
Supply air pressure	8 ÷ 10 bar	standard ISO 8573-1 [7:4:4], Version without integrated pressure multiplier
Pressure measurement	Elettronic (±3 bar)	
Air consumption	30 litres/min	

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