



## MERLIN DIESEL SYSTEMS LTD

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### TEST EQUIPMENT DIVISION

#### S400A-CR INJECTOR TESTER

#### SPECIFICATIONS

PRESSURE RANGE:	0-700 bar, psi, MPa or kgf/cm <sup>2</sup>
TIME RANGE:	0-99.9 seconds
PRESSURE:	±1 bar
TIMING:	±0.1% of full value
TRANSDUCER:	±1 bar over full range
LINEARITY:	±1 bar over full range
MEMORY:	Data store/recall for injector type test plans
DISPLAY:	LED, Tick/cross symbols advise user of NOP and back-leak pass/fail
COMPENSATION:	Automatic compensation for variations in test oil temperature
CALIBRATION FLUID:	Shell Calibration Fluid 4113, now S9365
INJECTOR VOLTAGE:	85—135v dc
PULSE-WIDTH RANGE:	0.5—3.0ms
REPETITION RATE:	0.75 – 14Hz
FAULT DETECTION:	Short circuit, open circuit
<b>Dimensions</b>	
HEIGHT:	770mm
LENGTH:	600mm
WIDTH:	560mm
WEIGHT:	66kg
<b>Installation details</b>	
ELECTRICAL SUPPLY	240v/1 phase/60Hz
	110v/1 phase/60Hz



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