



MERLIN DIESEL SYSTEMS LTD

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TEST EQUIPMENT DIVISION

MER 12-20 TEST STAND

SPECIFICATIONS

DRIVE MOTOR:	20hp (15.0 kw)
SPEED RANGE:	0-4000rpm x 10 pre-set speeds
DISPLAY:	LED & Gauges
MEASURING RANGE:	Dual scale graduates 12 x 0-45cc – 12 x 0-150cc capacity
TEST OIL SUPPLY PUMP:	400 litres/hr
TEST OIL PHASE:	0-40 bar
TEST OIL FEED PRESSURE:	0-4 bar
POWER POINT:	12v-24v Sockets
TACHOMETER:	Digital display, accuracy ± 1 rpm with 0.5 seconds update
TEMPERATURE CONTROL:	0-60°C $\pm 2^\circ$ C at 40°C
OIL COOLER UNIT:	Refrigerant Gas R404A
CALIBRATION FLUID:	Shell Calibration Fluid 4113 now S9365
WORK TABLE:	1.25 Centre Height
Dimensions	
HEIGHT:	1650mm
LENGTH:	1600mm
WIDTH:	960mm
WEIGHT:	950kg
Installation details	
ELECTRICAL DETAILS:	200-220v/3 phase/60Hz 380-420v/3 phase/50Hz
AIR SUPPLY:	5.5-6.9 bar (80-100psi) normal workshop air supply



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