

**TEST EQUIPMENT DIVISION****EM SERIES TEST STAND****SPECIFICATIONS**

DRIVE MOTOR	20, 25 & 30 hp variants
SPEED RANGE	0-4000 rpm
DISPLAY	Digital 24" monitor
MEASURING RANGE	8/12 cylinder 0-800cc
TEST OIL SUPPLY PUMP	600 litres/hr (tandem pump)
LUBE OIL SUPPLY PUMP	600 litres/hr (tandem pump)
TEST OIL FEED PRESSURE	0-4 bar
TEST OIL PHASE	0-40 bar
FLOWMETER	0-800cc Oval flowmeter $\pm 1\%$ of reading
TACHOMETER	$\pm 1$ rpm. Updates every 0.5 seconds
WATER SUPPLY	160 litres/hr min 3 bar required
TEMPERATURE CONTROL	0-60°C $\pm 1^\circ\text{C}$ at 40°C
CALIBRATION FLUID (TEST OIL)	Shell Calibration Fluid 4113 now S9365
WORK TABLE	125mm Centre height
AIR BOOST	0-4 bar
Dimensions:	
HEIGHT:	1780mm
LENGTH:	2200mm
WIDTH:	780mm
WEIGHT:	700kg
Installation details	
ELECTRICAL SUPPLY:	200-240v/3 phase/60Hz 380-440v/3 phase/50Hz
WATER SUPPLY:	160 litres/hr (35 imperial gallons/hr) 2-3 bar
AIR SUPPLY:	5.5-6.9 bar (80-100psi) Normal workshop air supply

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