

Every year, more buyers choose the high torque, high horsepower AW dynamometer

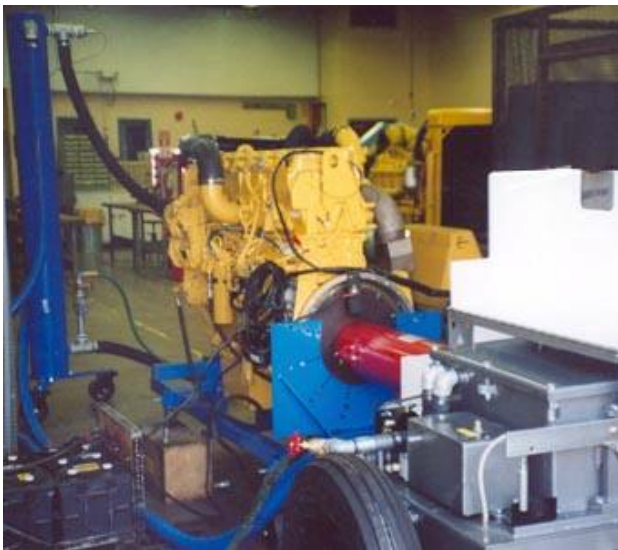
AW I-600 Dynamometer

Universal Industrial Diesel Engine Electric Motor Dyno

Features



I-900 Pictured above – I-600 below



- The I-600 can test engines up to 600hp (450 kW) @ 3600 rpm, with a maximum torque rating of 2100 ft/lbs (2851 Nm). With max torque at 0-1000 rpm, the versatile dynamometer can check torque rise and lugging ability of high torque/low RPM engines or motors.
- Fitted with a balanced high speed driveline kit. A universal adaptor for diesel or Timesaver adaptor for electric
- Bi-rotational - can test equally in either rotation
- DynoPro 2100S power computer & printer, Metric & Imperial
- Protection is built-in against harmonic vibration, torque overload and thermal overload.
- Calibration is an easy one man operation done on site (no need to send away)
- Unit is portable & on wheels - weighing 585 kg after draining water ballast (300 litre water ballast also used as cooling reserve). Floor or rail mounted optional.
- Full staff training is provided in the operation & care of the machine by an A.M.D.S representative.
- Full after sales service, comprehensive parts backup & technical assistance

The I-600 can test diesel engines, electric motors, gear boxes, transmissions and other high torque/low RPM applications. Other options permit custom-tailoring of the I-600 to your application. In addition, the I-600 can be factory equipped to test unusually high torque/low RPM equipment

Power Ratings

Model	Max Speed	900 RPM	1200 RPM	1800 RPM	3600 RPM	Max Torque
I-600	3600 RPM	25 - 350 HP 18 - 260 kW	30 - 400 HP 24 - 300 kW	40 - 450 HP 30 - 335 kW	150 - 600 HP 110 - 450 kW	2100 ft/lb 2800 Nm



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AW I-600 Dynamometer



DynoPro 2100S Computer & Printer

Displays power, torque and torque rise - easy calibration
Imperial (hp ft/lbs) or **metric** (kW Nm) through a simple touch menu setup.

Optional CLControl Hand Held Remote

Open Loop & Closed Loop Control with Set-Point ability for constant RPM or torque. Real time data display

Optional - ETS (Engine Test Software)

Software that enables reports, graphs and test data – ideal for connecting laptop computer. This includes a log of customer & machine detail as well as retrievable test history.

DIESEL ENGINE OPTIONS

Engine Stand

with bell housing mount or pad mount (4000 kg capacity)



Engine Cooling Manifold

uses the pre-heated water from Dyno or external source in replace of radiator

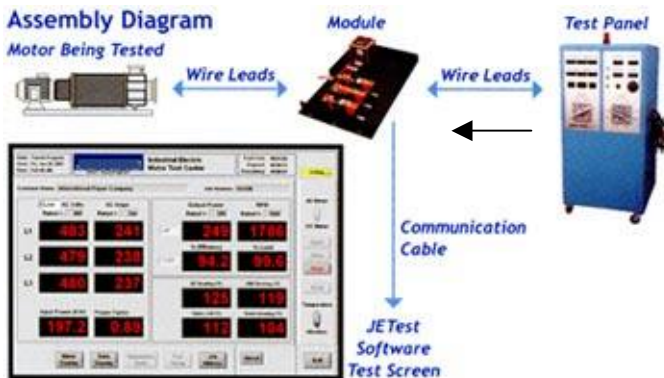


ELECTRIC MOTOR OPTIONS

Electric Motor Test Stands

JETest Software

Sophisticated system specifically for electric motors



Zero RPM Kit

Constant Torque to 0 rpm for locked rotor test or very low rpm testing, eg: transmissions



Time Saver Adaptor

Takes F size QD bushes for different shaft sizes



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