

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

AW I-300 Dynamometer

Universal Industrial Diesel Engine **Electric Motor** Dyno

Features



- The I-300 can test engines up to 300hp (225 kW) @ 3600 rpm, with a maximum torque rating of 1050 ft/lbs (1425 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
- Protection is built-in against harmonic vibration, torque overload and thermal overload.
- Bi-rotational - can test equally in either rotation
- Calibration is an easy one man operation done on site (no need to send away)
- DynoPro 2100S power computer & printer, Metric & Imperial
- Unit is portable & on wheels - Can easily be floor or rail mounted
- 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-300 can test diesel engines, electric motors, gear boxes, transmissions and other high torque/low RPM applications. Other options permit custom-tailoring of the I-300 to your application. In addition, the I-300 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-300	3600 RPM	20 - 175 HP 15 - 130 kW	20 - 200 HP 15 - 150 kW	25 - 225 HP 18 - 167 kW	75 - 300 HP 56 - 225 kW	1050 ft/lb 1400 Nm

www.amds.com.au



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AW I-300 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 Cooling Manifold
 uses the pre-heated water from Dyno or
 external source in replace of radiator

Engine Stand

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

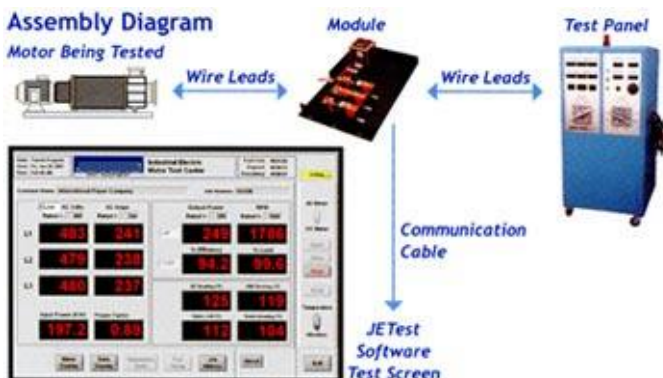


ELECTRIC MOTOR OPTIONS

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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