

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



Contact Chris Smith Ph: 02 6921 2011 (+61 2 6921 2011) or 0428 850 860

Australasian Machinery Dealer Services Pty Ltd

Po Box 1050, Wagga Wagga NSW 2650

Website: [www.amds.com.au](http://www.amds.com.au) Email: [equipment@amds.com.au](mailto:equipment@amds.com.au) Fax: +61 2 6921 8986

# 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



**Contact Chris Smith Ph: 02 6921 2011 (+61 2 6921 2011) or 0428 850 860**

**Australasian Machinery Dealer Services Pty Ltd**

Po Box 1050, Wagga Wagga NSW 2650

Website: [www.amds.com.au](http://www.amds.com.au) Email: [equipment@amds.com.au](mailto:equipment@amds.com.au) Fax: +61 2 6921 8986