

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

AW I-900 Dynamometer

Universal Industrial Diesel Engine **Electric Motor** Dyno

Features



- Rated up to 900 HP (671 kW) maximum at 3000 RPM
- Torque capacity up to 3100 ft/lbs (4208 Nm) allows testing of high torque/low RPM engines. Maximum at 0-1000 rpm
- Fitted with a balanced high speed driveline kit. A universal adaptor for diesel or Timesaver adaptor for electric
- DynoPro 2100S power computer & printer, Metric & Imperial
- Protection is built-in against harmonic vibration, torque overload and thermal overload.



840 hp V12 Caterpillar on I-900 Dyno

- Calibration is an easy one man operation done on site (no need to send away)
- Machine is a heavy duty unit & is very low maintenance
- Unit is portable & on wheels - weighing 748 kg after draining water ballast (water ballast also used as cooling reserve) 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-900 can test diesel engines, electric motors, gear boxes, transmissions and other high torque/low RPM applications. Other options permit custom-tailoring of the I-900 to your application. In addition, the I-900 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-900	3600 RPM	40 - 500 HP 30 - 375 kW	50 - 600 HP 38 - 450 kW	75 - 750 HP 56 - 560 kW	240 - 900 HP 180 - 670 kW	3100 ft/lb 4150 Nm



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AW I-900 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.



Engine Cooling Manifold

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

DIESEL ENGINE OPTIONS

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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