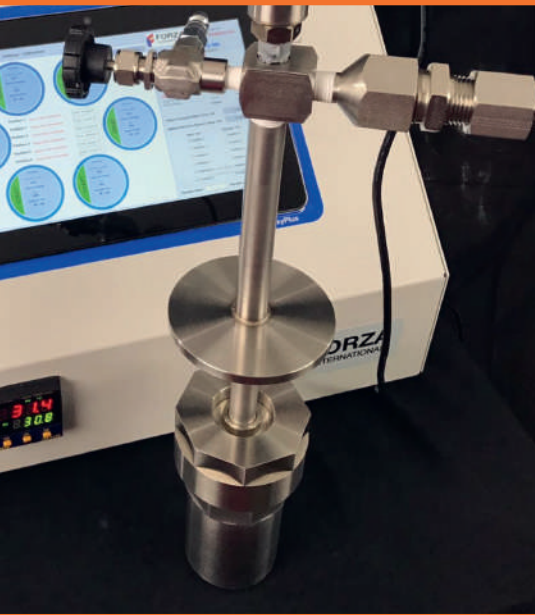


Model OX-525-B Heated Aluminum Block Bath with Automatic Data Acquisition System for Oxidation Stability Testing

ASTM D525, ASTM D873, IP 138, ISO 7536, IP 40



OXI Plus Series



Key Features

- Heated Metal Block – No harmful oils (or) dangerous steam
- Highly accurate/precise, micro processor based temperature controller with +/- 0.1 Deg C
- Built – in Data Acquisition System DAQ uses high performance windows based touch screen computer with Intel processor technology
- Built-in safety features within the hardware and software

Test Apparatus for Oxidation Stability of Gasoline and Aviation Fuels.

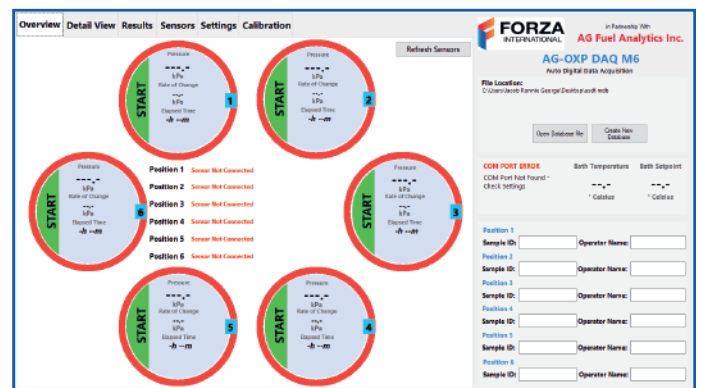
The Forza OX-525-B is the latest instrument available from Forza International to perform the testing and analysis of fuel samples in compliance with the ASTM D525 test method. Also known as the Oxidation Stability of Gasolines by the Induction Method. The OxyPlus is developed to ensure the reliability and performance of the instrument over the long term, with a strong insistence on safety. With core technology being the heated metal block, Forza has integrated world class technology to ensure temperature is held within +/- 0.1 Deg C of the user inputted temperature, which complies with ASTM D525. Layered on top of the technology are both hardware and software based safety features, like an automatic shut-off when temperature exceeds a certain limit.

Integrated Data Acquisition System(DAQ)

The integrated DAQ system saves the customer significant effort, time, and space as opposed to using a desktop computer.

The OxyPlus DAQ system includes state of the art software that automates the data acquisition and analysis of the pressure coming from the samples, and calculates the induction point of the sample. The software is fully ASTM D525 compliant. A database system is also integrated into the software to ensure clients have access to all their sample data and historical results.

High-purity stainless steel line oxygen charging unit- comprise of Regulator and braided hose with quick connects for rapid filling of the pressure vessels.

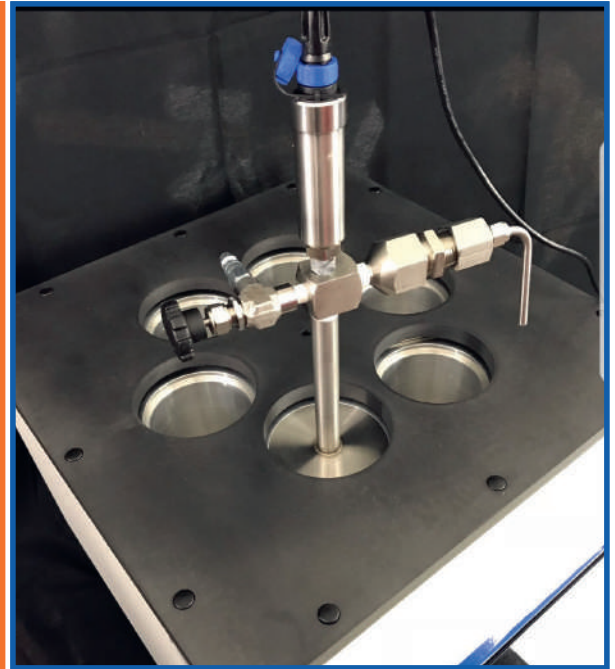


Technical Specifications

Bath	
Bath Type	Heated Block
Temperature	100 Deg C
Temperature Stability	+/- 0.1 Deg C
Test Positions	6 Positions Max
Max Test Duration	Default: 480 Minutes (Admin customizable)
Power	220 VAC / 1 Phase / 50/60 Hz / 18A

Pressure Transducer	
Range	0 to 1600 kPa
Accuracy	0.15% NLHR
Connection	USB Power and Data

Data Acquisition System	
Operating System	Windows 10 IoT Enterprise or Similar
LCD Display Size	15.6 Inch
Resolution	1920 x 1280
Processor	Intel-based
Memory	2GB



Software Features:

- User – Friendly Layout/ Features – Mimics Heated Block Layout
- Acquisition and Recording of Pressure and Temperature
- Automatic Induction Point Calculation
- Dynamic and Static Leak Test (Bypass Available – Password Protected)
- Integrated Database of pressure data points and results Built – in pressure transducer calibration feature
- PDF Report Saving and Printing

Safety Features:

- Hardware safety limit for very high temperature
- DAQ system can be password protected
- Software leak testing password protected
- Insulation around and on top of the heated block

Country: UK

Distributor: Labplant UK

