



**The Mini MDR *Lite*
comes complete with:**

- » Personal Computer
- » Labline *Lite* Software
- » All peripheral cables and connectors
- » Essentials spares package
- » Free technical support for one year

The **Rheoline Mini MDR *Lite*** is a compact and lightweight take on our existing Rheoline MDR, complete with an identical sealed die configuration. This easy-to-operate instrument conforms to international standards, delivering accurate and reliable results, as well as optimising space and instrument footprint.

This instrument comes complete with an integrated temperature control that is the best in its class, and with a 3 term PID control algorithm, this instrument gives accuracy better than ± 0.03 °C.

Equipped with our Labline *Lite* acquisition software, this instrument enables a maximum of 10 data calculations for a given test specification and grants a quick pass or fail response for each test.

The Mini MDR eliminates the need for skilled operators as it is simple to use and view the test results. It comes complete with a PC that runs Windows and has a network port as standard, making data transfer easy and quick, whilst also allowing data to be viewed and edited remotely, even when the Mini MDR is in use. Labline software has no restrictions on the size of the database, enabling you to store an unlimited number of test methods and results.

It is also possible to select numerous data points on the graphs on which you can place limits in order to gain a quick 'pass' or 'fail' response for each test. Should a data point be required after the test has been conducted, then it can easily be recalculated and inserted into the results database.

As with all Prescott Instrument products, the Mini MDR is fully networkable to our full range of operating platforms, or to other industry standard equipment.

Rheoline Mini MDR *Lite*

Technical Specification:

Standards	ISO No. 6502 / ASTM D5289
Die Configuration	Rotor-less, Sealed 4.5 cm 3
Oscillation Frequency	1.67 Hz
Oscillation Amplitude	0.5 ° (Std.), 1.0 °, 3.0 °
Temperature Range	Ambient to 250 °C
Temperature Control	3 term PID, control accuracy +/- 0.03 °C
Units of Measurement	Torque Inlb, dNm. Temp. Celcius, Fahrenheit Time Min/Sec, Min/Decimal
Output Type	Real time display of: - Elastic Torque - Viscous Torque - Tangent Delta - Cure Rate
Torque Range	0.001 to 250 dNm
Electrical	Single Phase 220/240V 50Hz 110V 60Hz 350 VA
Pneumatics	Filtered Air, Min: 0.41 Mpa 60 psi 4.14 Bar 4.2 kg/cm
Weight	56 kg
Dimensions	300 mm x 300 mm x 690 mm (W x D x H)
Optional Extras	Programmable Temperature Zones Pressure Module Auto-Test Module Rheoline Volumetric Sample Cutter

As with all Prescott Instrument products, the Mini MDR *Lite* is fully networkable to our full range of operating platforms, or to other industry standard equipment.

Quality sample preparation

It is strongly recommended that your samples are prepared with our **Rheoline Volumetric Sample Cutter** which is available from Prescott Instruments Ltd. Please see our brochure for more information.



Prescott
instruments

Prescott Instruments Ltd.
Unit F, Northway Trading Est,
Northway Lane,
Tewkesbury,
Gloucestershire,
GL20 8JH UK

Tel: +44 (0) 1684 274300
sales@prescott-instruments.com
www.prescott-instruments.com

NOTICE:

Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof, Prescott Instruments Ltd. Make no representation or warranties as to the completeness or accuracy thereof. Information is supplied upon the conditions that the persons receiving same will make their own determination as to the suitability for their purposes prior to use. In no event will Prescott Instruments Ltd. Be responsible for damages of any nature whatsoever resulting from the use or reliance upon information for the product, equipment or system to which information refers. Nothing contained herein is to be construed as recommendation to use any product, equipment, system, process or formulation in conflict with any patent, and Prescott Instruments Ltd. makes no representation or warranty, express or implied, that the use thereof will not infringe any patent, except for the limited warranty set forth in Prescott Instruments Ltd. standard sales contracts for its equipment and services.

PRESCOTT INSTRUMENTS LTD. MAKES NO REPRESENTATIONS OR WARRANTIES WHETHER STATUTORY, EXPRESS OR IMPLIED, OF MERCHANT ABILITY FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY OTHER NATURE WITH RESPECT TO THE INFORMATION OR PRODUCT, EQUIPMENT OR SYSTEM TO WHICH INFORMATION REFERS.

© 2016 Prescott Instruments Ltd.



Cert #4023.01



Certificate No. 3088