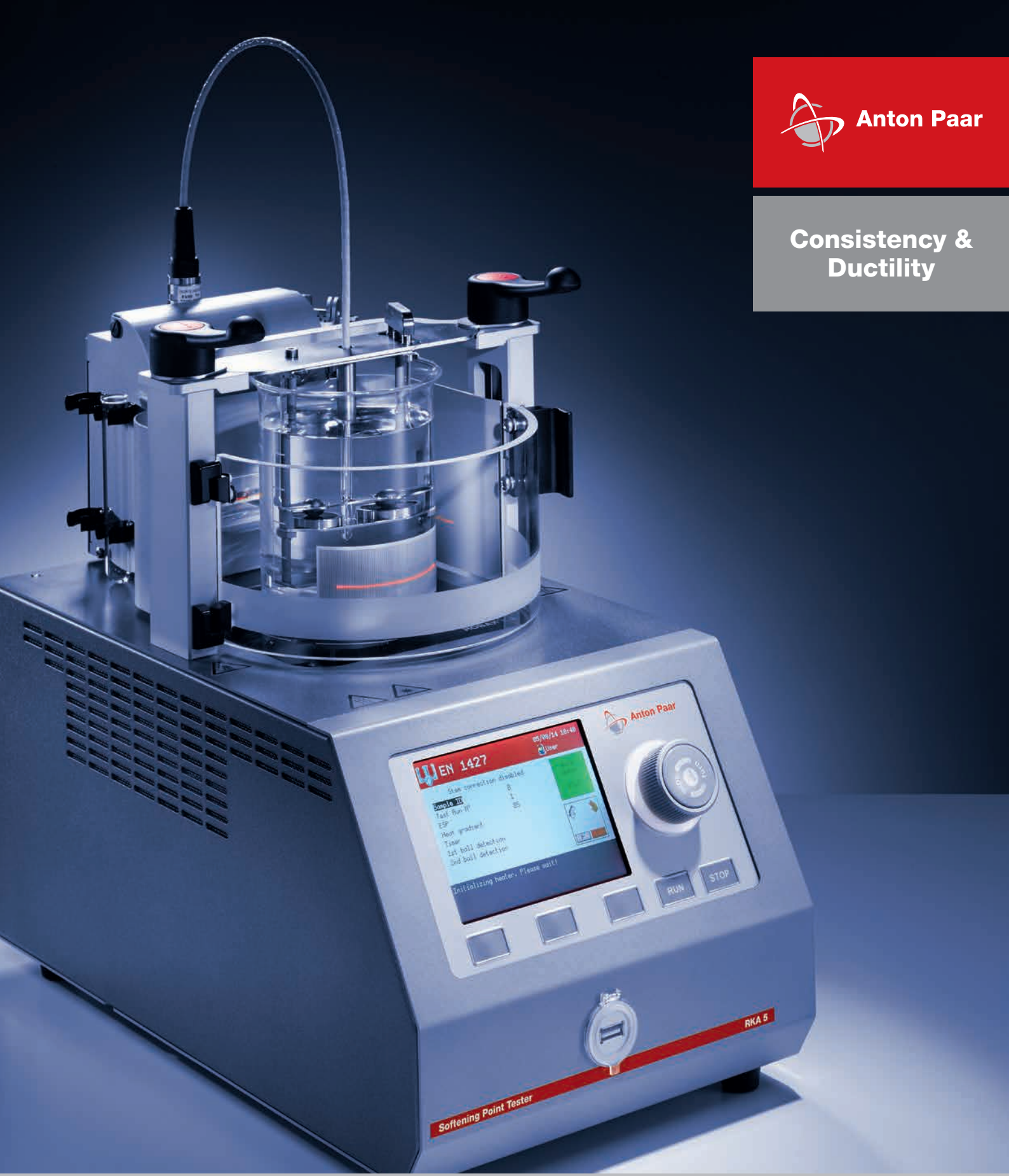
Anton Paar

Consistency & Ductility



RKA 5

Softening Point Tester

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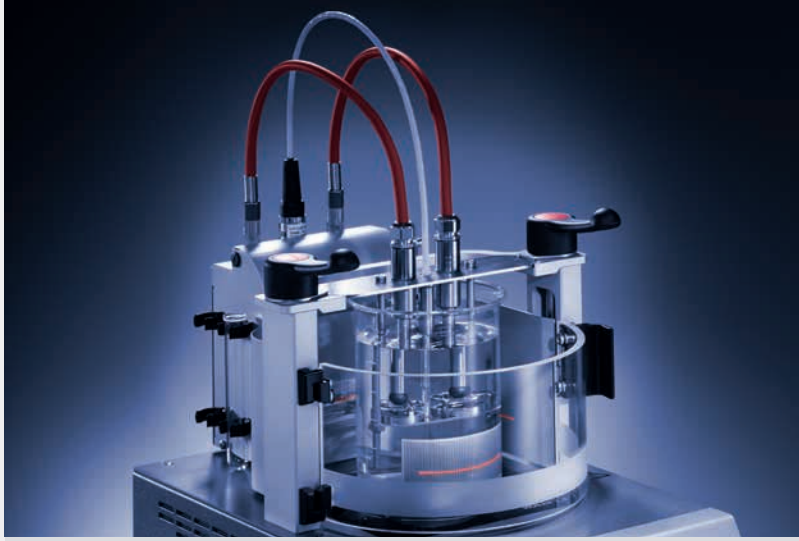
The ring-and-ball softening point tester automatically determines the temperature at which a substance attains a particular degree of softness.

RKA 5 with its different ball centering and dispensing devices is suitable for bitumen.



Benefits at a Glance

- Temperature-heating rate chart for conformity check of each test
- Multi-point temperature calibration
- Provision against the erroneous detection of air bubbles
- Automatic assessment of results according to the requirements of the standard
- Statistical and database functionality
- The heating system is spill-protected and in a sealed case for safe operation and easy cleaning

Convenient Operation

- A laser scanner system covers the whole beaker cross section area. This ensures a very reliable detection of the falling ball.
- The smart jog wheel operation system (turn and push) and Pmove®, as an innovative operation platform, make it easy to select one of the pre-set standard programs or choose one of the 20 user-definable settings.

Customized User Flexibility

- Automatic electromagnetic ball-dispensing system (optional) recommendable for softening points > 80 °C. It consists of a standard test rack and centering guides in combination with two electromagnetic holders for the automatic ball dispensing after 15 min (see picture above).
- Bar code scanner (optional) for up-to-date sample identification

Standard Methods

ASTM D36, EN 1427, JIS K 2207, AASHTO T53, IP 58

Technical Specifications	
Configuration	RKA 5 incl. test rack with manual ball centering and dispensing device
Application range	up to 160 °C
Test places	2
Heating	IR radiation, ROBAX® heating plate, spill-protected
Stirring	100 rpm to 150 rpm (program-dependent)
Display	5.0” graphical color, graphical menu guidance
Cooling after test	Powerful fan
Temperature probe	Pt100 (4-wire, gold contacts)
Interfaces	RS232, 3x USB, LAN, LIMS compatibility
Power supply	115 V/230 V, 50 Hz/60 Hz, 1.2 kW
Dimensions	230 mm x 410 mm x 520 mm (W x D x H)
Weight	approx. 12 kg
Resolution	0.1 °C

Your distributor:

www.anton-paar.com