



Lintel

Automated laboratory equipment for quality control

AUTOMATED PENSKY MARTENS FLASH POINT ANALYZER



LINTEL ATV-21

Automated Pensky Martens flash point analyzer

STANDARDS



- ISO 2719
- ASTM D93

Watch how the analyzer works

FEATURES OF LINTEL ATV-21 ANALYZER



Complete automation of testing process



High-accuracy system of flash-point recording in the range from +12 to 370 °C



Built-in electric spark ignition completely prevents the fire risk



Automatic mixing of the sample and programmed increase of product temperature at a specified rate



Possibility of product preheating switching on to reduce test time



Automatic correction for barometric pressure in the range from 630 to 810 mm Hg



Complete self-diagnosis system with fault indication on the display



Tests by "Express" method for products with unknown flash point



Service life is 6 years (15 000 hours max.). Warranty period is 1 year (2 500 hours max.)

SPECIFICATIONS

Flash point range	Automatic flash point determination in temperature range from +12 up to +370 °C
Heating	Automatic product heating and maintaining the product heating rate according to the selected test program
Ignition	Automatic ignition with an electric spark of controlled capacity for complete simulation of gas ball 4 mm in diameter
Stirrer	Stirring rate corresponds with selected test program requirements and is maintained automatically

PERFORMANCE DATA

Power supply	750 W max: (in the mode of preparation for the test, 120 W max)
Dimensions (with cup installed)	420 x 310 x 455 mm (W x H x D)
Weight	15 kg max
Ambient air temperature	10 to 35 °C
Relative air humidity at a temperature of +25°C	80 % max
Voltage	198 to 242 V
Frequency	50 ± 1 Hz
Service life	6 year (15,000 hours max)
Warranty period	1 year (2,500 hours max)

COMPLETE SET

Lintel ATV-21 analyzer	1 pc.
Cup with cover	2 pcs.
Passport	1 pc.
Operating Manual	1 pc.

OPTIONS

Data collection system Lintel Link	Software and hardware intended for collection and transmission of test results from devices Lintel to PC by wireless communication
Laboratory information management system Lintel LIMS	Software and hardware designed for complex automation of laboratory activities

DELIVERY, PAYMENT, AND SUPPORT TERMS



Supplies to order within one to three months.



100% advance payment after the contract is concluded



Technical support



Training of laboratory specialists and online connection to the device for fault diagnostics



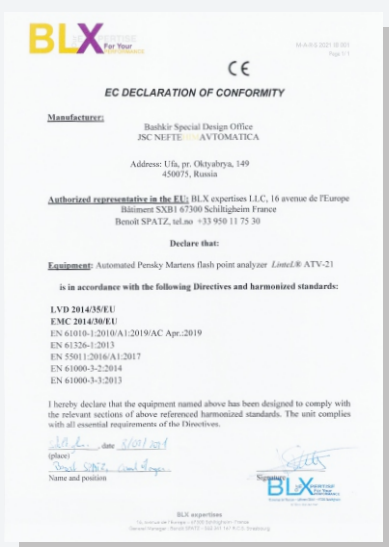
Additionally, we supply: data collection system for transferring data to a computer via a wireless Lintel LINK connection, and a laboratory information management system Lintel LIMS for complex automation of laboratory activities



CE Conformity Certificate



EC Declaration of Conformity



ISO 9001:2015 Certificate



ABOUT THE MANUFACTURER

Lintel is the leading manufacturer of laboratory testing equipment, with over 60 years of design and develop experience in petrochemical and oil refining industries. Lintel provides products that meet international standards ASTM, ISO, EN and IP.

More than 60 years,

We've worked in the market of lab equipment

1000+

Devices per year

Once a year,

We are audited for compliance with ISO 9001:2015 standards

1000+ clients

Use our devices in their work

Among our loyal customers



FEDERAL ROAD AGENCY
ROSAVTODOR



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