

Pour Point Process Analyzer PPA-4

Credible Solutions for the Oil and Gas Industry



Pour Point Process Analyzer PPA-4

To remain competitive, today's refiners must employ all optimization and product control techniques available. The use of online physical property analyzers is one of the key features to reach those objectives because they measure important quality properties in the process directly.

The pour point of a liquid is the temperature at which it still flows but starts losing its flow characteristics by becoming semi solid. For hydrocarbons the pour point temperature depends on the content of paraffin in the liquid but also on the viscosity that changes with temperature. The pour point temperature is an important quality parameter especially for lube oils but also for gas oils and fuel oils.

Application

The BARTEC BENKE Pour Point Process Analyzer PPA-4 is a system for the fully automatic determination of the pour point of a variety of products. The PPA-4 is used by lube oil producers to optimize the production processes and the use of cold flow additives. It is also used by fuel oil producers to meet market demands. The PPA-4 is the only process analyzer that is compliant with the applicable norm using a tilting device.

- ASTM compliant measurement based on tilting mechanism
- Low and high temperature applications
- Opacity independent measurement
- Network and fieldbus communication



Special Features

Real tilting measuring cell

Rugged design of measuring cell

Optimized assembly – easy removal of complete cell

Available communication interfaces:

- Modbus /RTU, Modbus/TCP (bidirectional)
 - Remote access via Ethernet (VDSL or FOC is)
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Integrated failure diagnosis and self-monitoring

Validation report for quality assurance

Freely programmable digital and analog inputs

Norms and standards

Compliant with:

- ASTM D97
 - DIN ISO 3016
 - IP 15
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Make your decision for a strong partner!
Choose BARTEC also for:

- Fast Loop Systems
- Sample Conditioning Systems
- Validation Systems
- Recovery Systems
- Chillers
- Air Conditioning Systems/HVAC
- Pre Commissioned Analyzer Shelters/Turn-Key Solutions

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