

Flocculation Titrimeter FT 5

WWW.PSL-SYSTEMTECHNIK.DE



*New: Now up to 700 bar
(10,000 psi)*

The Automated flocculation titrimeter monitors precipitation processes and is used to determine flocculation points optically.

Accurate temperature and stirrer control are available. Titration or HPLC pumps can be connected for perfect titration control. By this, a complete measurement site can be built up which is controlled by one software.

The optionally available sealed sample chamber eliminates solvent losses from evaporation. The glass fibre probe can be used at temperatures up to 200 °C (400 °F) and pressures up to 700 bar (10,000 psi). Other temperature and pressure ranges and individual probe designs are available on request.

Applications:

- Precipitation monitoring
- Flocculation point testing
- Oil stability testing
- Quality control

Characteristics:

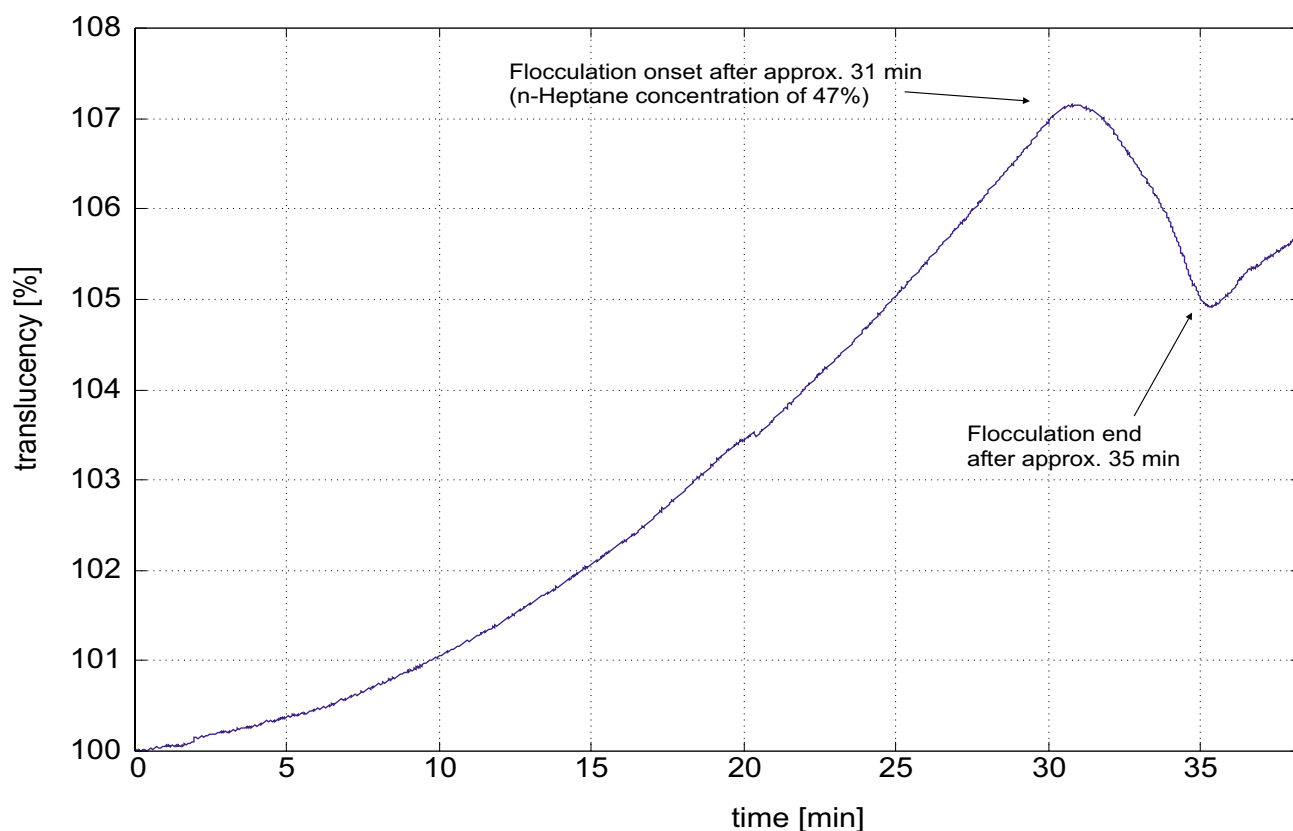
- Fully automated
- High accuracy
- Ultra high sensitivity: 0.005 lx
- Very compact dimension

 **SYSTEMTECHNIK GMBH**
PFEIFFER & SONNENBERG

PSL Systemtechnik GmbH
Albrecht-von-Groddeck-Straße 5
D-38678 Clausthal-Zellerfeld
Germany

Tel: +49 5323 9627-90 Fax: +49 5323 9627-95 info@psl-systemtechnik.de www.psl-systemtechnik.de

Asphaltene titration at constant flow rate



*Flocculation point measurement
Asphaltene titration at constant flow rate:
Near East crude 35ml, n-Heptane 1ml/min*

Technical data:

Temperature range:	-40°C to +200°C (-40°F to +212°F), wider range optionally
Pressure range:	Up to 700 bar (10,000 psi)
Power consumption:	Max. 300W at 230V/50 Hz, 400W at 115V/60Hz (wide range input)
Micro controller:	16 bit, 40 Mhz, firmware updatable via RS232 interface
Dimension (WxHxD):	26 cm x 16cm x 38 cm
Weight	instrument: approx. 7 kg, transport case: 5 kg
Options:	Titration pumps, controlled by titrimeter software Heater/Stirrer, controlled by titrimeter software Transport case Wider temperature and pressure ranges