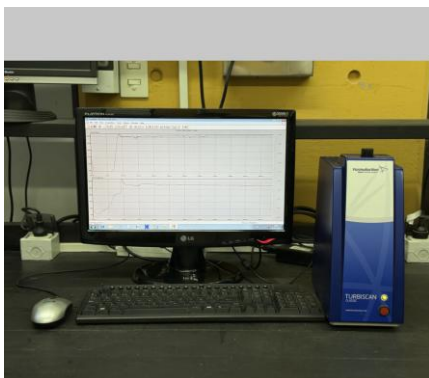




#5001

Dispersion stability analyzer (Turbiscan Classic, TMA2000)

DESCRIPTION

Instrument for evaluating the physical stability of concentrated dispersions (emulsions, suspensions, foams, and colloidal systems). Uses Multiple Light Scattering (MLS) to detect instability without sample dilution, through rapid, non-destructive analyses.

MAIN FEATURES

- Light source: near-infrared LED ($\lambda = 850 \text{ nm}$)
- Detection: transmission (180°) and backscattering (45°)
- Automatic or manual scanning; resolution: every $40 \mu\text{m}$ up to 80 mm height
- Modes: single scan or automated sequential measurement
- Operating temperature: $10\text{-}40^\circ\text{C}$; self-calibration for drift correction

MAIN APPLICATIONS

- Stability evaluation of emulsions, suspensions, foams, and colloids
- Detection of sedimentation, creaming, flocculation, coalescence, and foam aging
- Research, development, and quality control of formulated products

ASSOCIATED CAPABILITY AND SERVICES

2001 - 3002 - 3005

CONTACT US

Office of Technology
Transfer

✉ ott@plapiqui.edu.ar

🌐 plapiqui.edu.ar/ott

☎ +54 291 4037200 - Int 217/214

📠 +54 9 291 4261644