AddiCheck

Integrated formulation sensor for plastic processing based on optical spectroscopy in NIR range

AddiCheck was developed in cooperation of the companies: **GÖTTFERT** Werkstoff-Prüfmaschinen GmbH, **inno-spec** GmbH and **SKZ**

Standardized spectrum height is proportional to additive content!
AddiCheck

Integrated in the Online-Rheometer RTS

**Simultaneous** determination of rheological and spectral test values provides full polymer characterization.

The system consists of an optical reflection probe for application in the melt and of a spectrometer and is designed for continuous industrial use.

**Users gain additional information on additives etc. which are valuable for process monitoring.**

Elimination of process conditions like pressure and temperature.

Minimal process fluctuations can be recognized immediately and appropriate counter measures can be taken.

Individual material components are displayed in the Online-Rheometer software (ROSWin).

Decisive advantage: Increased production reliability and costs reduction due to less scrap material.

The Spectrometer offers an automatic drift correction.

Data display in real time.

Freely selectable references possible, like:
- spectral standard
- used matrix polymers
- complete compound

Model database offers calibrations for standard additives. Calibration models can be adjusted by user-defined specifications.

Easy retrofitting to existing online equipment.