

Measuring moisture content inside screw conveyors

Imko, Ettlingen, Germany, has introduced the new generation of SONO-VARIO Xtrem moisture probes which, thanks to their robust construction, are well suited to be integrated into screw conveyors and pipe systems. These units feature an auto-correction function which means that once the probe has been calibrated, the automatic measurement value correction/compensation provides for significantly longer operating periods without the need to perform corrective re-calibrations.

The TRIME® radar technology (time-domain-reflectometry) is reported to offer major advantages compared to conventional micro-wave and capacitive measuring methods. For example, accuracy is not influenced by temperature deviations, differing conductivities or varying grain-size distribution. www.imko.de



The new moisture probe mounted on the casing of a screw conveyor