

Wireless moisture measurement system for concrete



a rotating mixing drum, ready-mix trucks and moving bulk containers.

It can also be used in drying and mixing processes.

Enquiry no: 66

LOCAL pre-cast concrete manufacturers and concrete ready-mix supply and delivery companies can ensure that their concrete is produced to the highest standards of quality, by making use of advanced wireless moisture measurement technology developed by German-based moisture control expert, Ludwig Moisture Control.

The state-of-the-art Ludwig FL-Mobimic SlimLine microwave moisture measuring system and wireless Bluetooth transmission system consists of a microwave moisture measuring probe with integrated temperature sensor, transmitting unit and a receiver module.

The system was developed in-house by Ludwig in mid-2012, and is exclusively distributed in the local market through Pan Mixers South Africa (PMSA).

The smallest microwave moisture probe of its kind, Mobimic SlimLine is a new generation of wireless measuring.

With a height of 29 mm and a diameter of 75 mm, the probe can be placed effortlessly into confined spaces.

This breakthrough in design enables precise humidity monitoring in process flows - an advancement that was previously impossible with wired sensors.

The data captured from the probe is transmitted by means of an industrial grade Bluetooth connection.

The combination of the probe with a transmitting and receiving unit means that the probe can be used in stationary mixers with