



## *Accurate Measurement*

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

This microwave moisture measuring system and wireless Bluetooth transmission consists of a microwave moisture measuring probe with integrated temperature sensor, transmitting unit and a receiver module.

The system is exclusively distributed in the local market through Pan Mixers South Africa (PMSA) - the largest supplier of concrete brick, block and paving-making machinery and technology in Africa.

As the smallest microwave moisture probe of its kind, Mobimic SlimLine is a new generation of wireless measuring. With a height of just 29mm and a diameter of 75mm, 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 Mobimic SlimLine can be used in stationary mixers with a rotating mixing drum, ready-mix trucks and moving bulk containers. What's more, it can also be

used in drying and mixing processes.

Accurately controlling the water and moisture content ultimately ensures energy savings, increased productivity and an improvement in the quality of concrete products ranging from concrete bricks and blocks, to roof tiles, pipes as well as delivery trucks.

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