

**AMSYS** – the fully automated sludge liquor extraction system, capable of full integration into your existing process control system.

# **AMSYS**

[ ABWASSER MESS SYSTEM ]

## **Capable of full integration into your existing process control system**

- » fully automatic and reliable control system
- » the operating personnel of the sewage treatment plant are themselves able to adjust the entire system to the specific requirements of the facility
- » precise measurement technology
- » low maintenance (through patented design of the measuring section)

## **Special features**

- » freely adjustable setpoints (operation and pause times, threshold values, etc...)
- » TR value of up to 5 % possible
- » external monitoring of the measurement section located outside of the explosion-hazard area
- » longer utilization times (low maintenance)
- » self-cleaning effect of the measuring instruments by means of medium flow
- » no complete drying up of the probe – no downtime due to drying, entangling of fibrous matter or fouling
- » simple maintenance, direct easy access and cleaning of the probe due to external location outside of the tank
- » cleaning of the filter basket is easier (no sensitive probe)
- » transparent window to enable a visual inspection of the sludge liquor being sucked in (optional feature)

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# AMSYS

[ A B W A S S E R M E S S S Y S T E M ]

**AMSYS** offers you an inexpensive solution with low cleaning and maintenance requirements. The central idea behind the system lies in taking measurement values in a measuring line outside of the tank. This is achieved by separating the measuring instruments and the pump. Measurement inaccuracies due to drying, entangling of fibrous matter or fouling are eliminated in this way. Thanks to the separation between the measuring instruments and the extraction pump, the dry matter content is determined precisely at the point where the extraction pump draws from. AMSYS therefore ensures high and consistent measurement accuracy. The system also allows personnel costs for cleaning and maintenance of the measuring instruments to be reduced to a minimum.

