

OSA

MEASUREMENT SYSTEM FOR SLURRY TANKERS



- **measuring the amount of wastewater collected from a customer**
- **a printout confirming the amount of wastewater collected**
- **easy installation**
- **ease of use**
- **controlling the amount of wastewater collected by drivers**



MEASUREMENT SYSTEM FOR SLURRY TANKERS

Quantity measuring system for the wastewater collected is installed on the slurry tankers. It allows to measure the current amount of wastewater collected. It provides to control the driver's work time and it prevents any uncontrolled and unregistered wastewater collection that can be made by a driver.

The measuring system consists of an electromagnetic flow meter, control system and printer. The flow meter sensor is installed on the tank outlet with special fixing elements.

Flow meter converter, control panel and printer are mounted in the cabin. Control panel, printer and counter reset button can be supplied in a hermetic enclosure. The reset button allows to delete the data from last measurement. The flow meter has a number of counters, including one non-erasable counter that always displays the wastewater volume from the moment of the flow meter installation. The measuring system is powered by 24 V from the car installation.

The printer allows you to print a receipt for each operation.

The system is designed for self installation.

We provide all the elements required for installation of the measurement system, along with a detailed installation and operating manual.



Sample receipt printout	
*****Report*****	
Water and Sewage Department	
Date: 2011 -09- 20	Time: 09:58
..... <i>Liquid waste collection agreement No.</i>	
Name	
Address of the property equipped with a septic tank	
Volume of the liquid waste collected:	
SEWAGE VOLUME VD: [M3]	
Counter - total GD: [M3]	
.....	
Sewer function machine registration number	
Notice of receipt for the liquid waste - Driver's signature	
*****END OF REPORT*****	

Flow meters specifications:

Type:	MPP IP: 65
Power supply:	10..36 VDC
Display:	LCD
Features:	flow indication, flow direction, one-way and two-way measurement, six volume counters, signalling an empty pipeline, reports, dosing, alarms, pulse outputs, operation errors and power failures registration, clock, cooperation with the printer
Volume counter:	9 digits, 3 doubled counters for measuring forward flow, reverse flow and difference
Communication:	RS 485 serial interface, MODBUS protocol
Interface languages:	English, Polish



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