



Data sheet

FEKO+ /XXL



The photo above is for reference only, may show additional options not included in standard equipment. The real appearance, particularly color and structure of the material may differ from the ones presented in the photo.

FEKO+ station collects municipal and industrial sewage, sludges from home sewage treatment plants and fats delivered by slurry tanker. The station identifies carriers, suppliers of wastewater, as well as measures and controls parameters (pH, temperature, conductivity, density) and the amount of delivered wastewater.

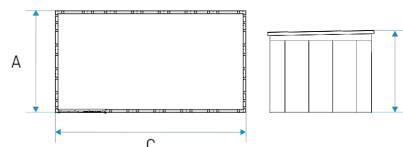
Stainless steel external control cabinet equipped with:

- 7" or 10" colour LCD touch screen*
- control system with data archiving and the ability to create a database
- software based on the Windows Embedded
- internal memory (town, address)
- Ethernet or Wi-Fi communication module*
- USB input for data transfer and manual station programming
- MODBUS RTU/TCP or Profibus communication protocol*
- carrier identification module - RFID key rings
- module identifying the type of wastewater
- modular printer with paper cutter
- industrial keyboard (made of stainless steel)



overall dims [mm]

Width A	3400
Height B	2600
Depth C	6400



The FEKO+ waste water receipt station is a multifunctional device for collecting municipal and industrial wastewater. The device identifies carriers, wastewater suppliers, and also measures and controls the parameters (pH, temperature) and quantity of the delivered wastewater. It is possible to block the admission of wastewater in which measurement transducers have detected exceedances (e.g. pH) established in the FEKO+ programme dedicated to the catchment station.

The FEKO+ station provides:

- acceptance of wastewater
- adjustment of station operating parameters
- creation of a database, i.e. contractors and dictionaries with a list of towns and streets
- Measurement of the volume of delivered wastewater
- measurement of contaminant concentration
- recording of delivery data with the option of transferring them to a memory stick
- supervision of suppliers
- possibility to export data to *.pdf, *.xls, *.doc, *.html files.

Functional principle of the FEKO+ station

The station is a fully automated facility which does not require constant attendance by the operator. The station is operated by software for data reading, programming and archiving, based on the Windows Embedded operating system. Only periodic maintenance is required.

- filling station (control system with carrier identification module, flow meter, drain line, measuring vessel, identifiers)
- pneumatic gate valve, compressor, reinforced connection hose 3m
- contamination measurement set based on Memosens system
- All installed in a container

FEKO+ software

The FEKO+ software is an application which is an integral part of the FEKO+ Station, the programme enables the remote control of the FEKO+ Station, the generation of reports on the basis of transmitted data from the FEKO+ Station, parameterisation of the station, invoicing, and many other functions necessary for operating the device.

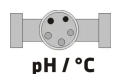
The application enables, among other things

- remote software update



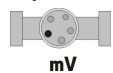
- creation of a database of properties with septic tanks with the possibility of grouping them into housing estates or localities
- scheduling inspections of transporters
- issuing invoices and creating sales registers
- statistical data analysis with the function of generating automatic discrepancy reports, e.g. of properties from which less/more wastewater was delivered than assumed

OPTIONS AND ACCESSORIES



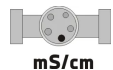
Order number: FEKO/PH

pH and temperature measurement kit



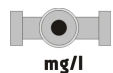
Order number: FEKO/RX

Redox and temperature measurement kit



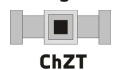
Order number: FEKO/COND

Conductivity measurement kit



Order number: FEKO/TSS

Sludge concentration measurement kit



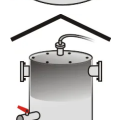
Order number: FEKO/CHZT

COD measurement kit



Order number: SC 600

External stone catcher



Order number: SC 500

Internal stone catcher



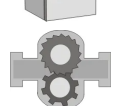
Order number: PP 2002+E

Stationary sampler outdoor



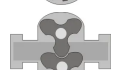
Order number: PP 2002+E

Stationary sampler mounted inside



Order number: FEKO/ROZDRABNIACZ

Macerator milling cutter



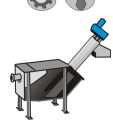
Order number: FEKO/POMPA

Rotary pump



Order number: FEKO/ROZDRABNIA/POMPA

Macerator in a set with a rotary pump



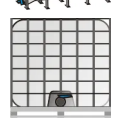
Order number: FEKO/SITO

Sieve with screenings press



Order number: FEKO/SITOPISKOWNIK

Sand separator with sieve



Order number: FEKO/FERROX

Odor neutralization system



POL-EKO
Perfect Environment

(+48) 32 453 91 70
info@pol-eko.com.pl
www.pol-eko.com.pl

POL-EKO A.Polok-Kowalska sp.k.
44-300 Wodzisław Śląski
ul. Kokoszycka 172 C



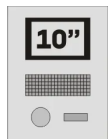
Order number: FEKO/CCTV

CCTV monitoring



Order number: FEKO/BRAMA

Gate control



Order number: FEKO/10"

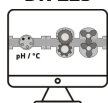
10" control panel



DN 125

Order number: FEKO+/DN125

Drain line DN125



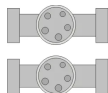
Order number: FEKO VIEWER

FEKO Viewer software



Order number: FEKO/WIFI

Multi station construction



Order number: FEKOx2

Multi-station