

EMEC NEW PROD.



emec®
SIMPLE AS WATER



NEW PVC SKID



OVERVIEW

- PVC panel 800x600 mm mounted in a PVC frame, 1 injection point, 1 pump
- Always included: *PVC valves and piping, bracket, safety valve, manifold, electrical box with switch*
- DN 15 PN 16 with female thread for inlet and outlet
- Pump Head: *PVDF or PP (no LPV)*
- O-rings: *VITON, DUTRAL, WAX*

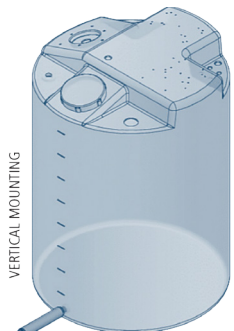
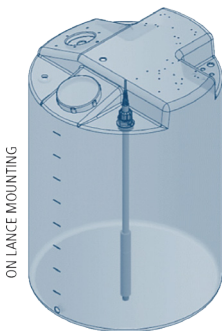
BASIC CONFIGURATION

- Structure + Panel
- No.1 pump: *(K CL PLUS, KMS MF, AMS MF, AMS CL PLUS, PRISMA)*

ACCESSORIES

- SOIM 3
- Calibration Cylinder
- Manometer
- Cover in PMMA
- Legs in steel
- Personalization: *(the graphic of the panel)*

SLP [SLL substitute]



OVERVIEW

- Pressure sensor to measure height (and so volume and level) in a tank.
Ceramic + PVDF
- Power Supply 12 VDC
- Accuracy [mm] 0.8 - 3.8 [% FS]
- Accuracy [mA] 0,625 [%FS] - [100 uA]
- Resolution 0.5 [mm]
- Max Load Output [mA] 500 Ω
- Max Working Pressure 1 bar
- Weight 250gr
- Communication: *4-20 mA, RS485, Modbus*

BENEFIT

- O-interference technology
- Fast sampling
- Long Life and high MTBF
- O-dependency from tank size
- Easy installation & setup
- Standard and Vertical installation
- Editable working range
- Not affected by presence of mixer

PRISMA

WITH PRESSURE SENSOR



PRISMA WIFI AVAILABLE

PRESSURE SENSOR

- The pump can adjust the flow based on the pressure on pressure measured in the pump head and keep it
- Presence of air / bubble, cavitation
- Start self priming when needed (with standby of statistic of dosage)
- Accessory: three way valve for degassing, self priming, controlled in combination with the pressure sensor or by a timer

FIRMWARE

- Upload of FW and Language via USB
- Upload of FW via ERMES (when equipped with WIFI)
- Preventive Maintenance information on screen and ERMS through internal timer and counter
- Connection to SLP

VMS MF/KMS MF

MULTILANGUAGE & TEN FUNCTIONS



LANGUAGES

- English
- French
- Spanish
- German
- Portuguese
- Italian

FEATURES

- Double Password (short Menu and complete Menu)
- Wide Range: 90-240 V 50/60Hz

CENTURIO UPDATE

NEW CPU/DISPLAY/WIFI



WHAT CHANGED

- Solve the issues related to SD technology
- Improve responsiveness of the screen
- Reduce issues related to electromagnetic disturbance
- WIFI always available
- Front interchangeable with existing installed Centurio
- Additional safety features like watchdog and logging of power interruptions

NEW CPU

- CPU: Quad core Arm® Cortex® A55 (ARMv8) 64 bit @ 2.0GHz
- GPU: Arm Mali™ G52 2EE, OpenGL® ES1.1/2.0/3.0/3.1/3.2, Vulkan® 1.1, OpenCL™ 2.1
- Memory: 32bit LPDDR4X
- Storage: eMMC 5.1 up to 4GB
- 802.11 b/g/n/ac Wireless LAN (Wi-Fi 5)

NEW TOUCH DISPLAY

PRIUS MF

WITH 0,55 kW MOTOR



FEATURES

- Prius MF with 0,55 kW motor to cover the same range as the PRIUS without MF
- Up to 5 bars / 1.000 l/h
- Updated Modbus communication