

**BONDERITE**

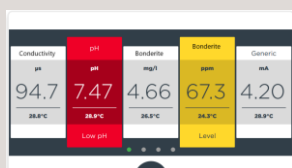
E-CO FLEX



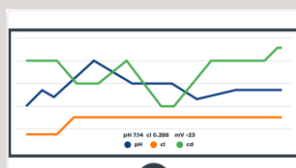
- New front mask compatible with previous E-CO Flex versions
- Redesigned external box for housing cable glands, LAN and USB ports
- Integrated connectivity with Wi-Fi, LAN, USB and Modbus
- New high-performance processor
- New touchscreen display for a smoother user experience
- New high-performance and electromagnetic interferences-free eMMC memory
- Proven immunity to electromagnetic interferences
- Maximum protection against dust and water jets (IP65)
- Additional security features such as external watchdog and power failure log
- CPU: Quad core Arm® Cortex® A55 (ARMv8) 64 bit @ 1.8 GHz
- GPU: Arm MaliTM G52 2EE, OpenGL® ES1.1/2.0/3.0/3.1/3.2, Vulkan® 1.1, OpenCLTM 2.1
- Memory: 32bit LPDDR4X
- Storage: eMMC 5.1 up to 4GB
- 802.11 b/g/n/ac Wireless LAN (Wi-Fi 5)

The evolution of technology can improve your work experience only when you have complete control over it. **Bonderite E-CO Flex** is the digital controller designed to give you the best work experience in the multiparameter control of dosing systems with the ease and safety you need.

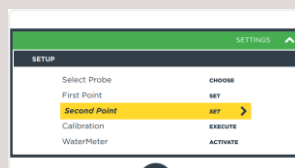
High-performance hardware and software of **Bonderite E-CO Flex** makes possible a simultaneous and complete control over all the main measurement parameters, while you have access to a rich set of functions and connection options that really enhance and simplify your work.



DASHBOARD



REAL-TIME STATS



CHANNELS SETTINGS



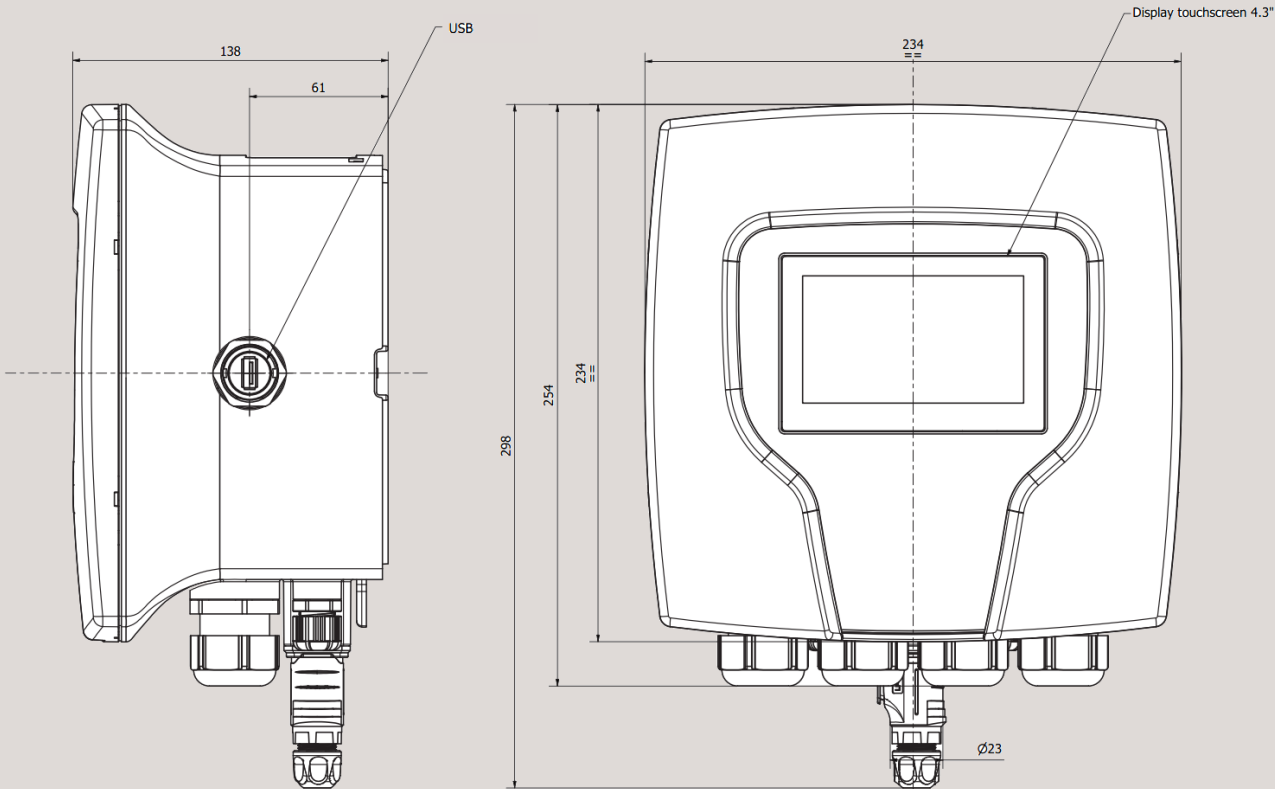
LOG MANAGEMENT

- Parameters: conductivity, pH, ORP, inductive conductivity and mA input
- Real-time graphs on channel activity
- Permanent data storage with activity log
- USB Download
- Data import/export (backup & restore) via USB port
- Internet connectivity, configuration and control via ERMES web app, via PC, smartphone or tablet with any browser
- Remote software update while maintaining settings and data
- Simultaneous display of probe reading channels Selection of N.O./N.C. level contacts
- Auto/manual/stop operating modes
- Stand-by input
- Working modes (on/off, proportional impulsive, proportional pwm and fixed pwm)
- Timeout
- Programmable delay at dosing start (up to 99 minutes)
- Temperature compensation with PT 100 or incorporated in the probe
- Alarms and log reports (hourly, daily, weekly, monthly)

**ERMES**
digital services



BONDERITE
E-CO FLEX



TECHNICAL FEATURES	
POWER SUPPLY	85-264 VAC; 50/60 Hz – 2 fuse protection (power supply and instrument)
AVERAGE CONSUMPTION	25W
SET POINT OUTPUTS	2 free relay contacts, 6 voltage (on/off), 8 for proportional pump type pulse (NPN)
ANALOG OUTPUTS	6 0/4 - 20mA
INPUT	2 for pulse-emitting meter, 1 flow sensor, 8 channel alarm, 1 standby
AMBIENT TEMPERATURE	-10°C / 50°C (14°F / 122°F)
PROTECTION DEGREE	IP65 - % working RH: 85% with ≤40 °C; 70% at 50 °C (non-condensing)
POLLUTION LEVEL	2
BOX MATERIAL	ABS
CERTIFICATION TEST	CE
DIMENSION	see dimensional drawing
INSTALLATION	wall-mounted (4 fixing points)
COMMUNICATION	ETHERNET / USB / MODBUS