

CrateWash is a two pumps microprocessor dosing unit with LCD display, designed for use with large crate washers in fish, dairy, meat, beverage industry or in general for CIP applications where flow rates higher than for a normal ware washing system are required.



FEATURES:

- **LCD Digital display** 2 x 16 characters with backlight
- **Multi power supply** 100÷240 Vac @ 50/60 Hz
- **IP55** Protection degree and class II electrical insulation
- **Password protection** for programming functions
- **Inductive probe** for accurate conductivity reading (reading range 1 mS ÷ 100 mS) with temperature compensation

- Accepts 24-240 Vac **input signal for start dosing**
- **2A relay for external pump** available in parallel to pump functions
- Direct priming access with front buttons

OPERATING MODES AND FUNCTIONS:

- **Three separate dispensing programs** selectable automatically by time of day or manually.
- **Primary peristaltic pump** with **selectable dosing speed** (20-40-60-80 l/h), activated from conductivity reading
- **Conductivity reading range selectable** between two different intervals (1-10 mS/cm or 1-100 mS/cm)
- **Secondary peristaltic pump** with **adjustable speed**; it can be set to work with detergent pump or it can be controlled by separate input signal
- **Programmable OFA time to signal alarm** and eventually stop the pump if the detergent concentration set point has not been reached within the set value.
- Motor Breakdown diagnosis to signal motor failures
- **Two Level Control Inputs** suitable to Seko suction devices for signalling of depleted containers

TECHNICAL FEATURES

TYPE	Cratewash
CERTIFICATIONS	CE, EAC
INTERFACE	Digital, with LCD 2 x 16 characters display
PROTECTION DEGREE	IP55
ELECTRICAL CLASS	Class II (ground connection not needed)
POWER SUPPLY	100÷ 240 Vac @ 50/60 Hz
OPERATING TEMPERATURE	10-50°C
STORAGE TEMPERATURE	-20÷60°C
CONSUMPTION	40 W
CONDUCTIVITY READING RANGE	1 mS ÷ 100 mS with inductive probe
CASE MATERIAL	Polypropylene glass reinforced
DIMENSIONS	L. 361 – H. 254 – D. 109

HYDRAULIC PERFORMANCE DATA

Primary Pump Flow Rate	20-40-60-80 l/h selectable by software
Secondary Pump Flow Rate	7 l/h adjustable by software
Max Working Backpressure	1,5 bar
Primary Pump Peristaltic Tube	Norprene 10 x 16, others upon request
Rinse/Sanitizer Peristaltic Tube	Santoprene 6 x 10, others upon request
External Tube Fitting	Standard: I.D. 8 mm on Primary pump, 4 x 6 mm on Secondary

*Flow rate values are meant with water at 20°C and no backpressure