



# UPC 3000 (Ultrasonic Process Controller)

Quick and easy control of the key parameters for quality cleaning.

## DESCRIPTION:

The UPC 3000 system has a microprocessor and three sensors, allowing total and immediate control of the cleaning parameters on ultrasonic lines. Thanks to this it ensures you are constantly in control of the quality, time and the overall cleaning process. In addition, because it's so easy to use, it can be used by the operator, facilitating the maintenance of the cleaning line.

## EQUIPMENT:

- 1 UPC 3000 case for reading measurements
- 1 TETRACON 325 conductivity sensor
- 1 LR 325/01 conductivity sensor
- 1 glass conductivity measurement cell
- 1 steel US sensor 250 mm or 500 mm
- 1 power adaptor
- 1 set of 4 1.2 Volt accumulators
- 1 storage case



## TECHNICAL FEATURES:

### Temperature:

- Measurement range between 0 and 99.9 °C (+/- 0.2°C)

### Measurement of the conductivity and concentration of detergent baths:

- Measurement range: 1 µS/cm to 2 S/cm
- Shows concentration % (+/-0.1 % of the value measured)

### Measurement of DI\*conductivity:

- Measurement range: 0.001 µS/cm to 200 µS/cm
- Shows conductivity in µS/cm (+/-0.1 % of the value measured)

### Measurement of ultrasonic power:

- Measurement range: 0 to 40 Watt/l
- Showed in Watt/l (+/- 5 units)



If you have any questions, please contact our Application Centre on: +41 22 365 46 66

## BENEFITS:

- Direct temperature and conductivity measurements
- Tracks how the power of the ultrasonic baths evolves
- Controls the quality of the EDI in the rinsing tanks
- Equipment configuration tailored to meet the client's needs
- Device controlled using a simple menu and three buttons
- Measures the concentration of the detergent which has been prepared using hard water or DI\*

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## ELECTRICITY SUPPLY:



Supplied with electricity via four 1.2V accumulators and/or direct current.

When using direct current, the accumulators automatically recharge.

## IMPORTANT:

Only range of NGL products can be set up in our UPC 3000 unit (max. 9 products).

DI\* = demineralized water

