

Ferco

Scientific

ColorChecker CWR

On-line colour sensor for liquids

Water and energy savings through
objective colour control

ColorChecker CWR



What is ColorChecker CWR?

ColorChecker CWR is an instrument for the on-line color measurement of wash baths.

By carefully analysing the ColorChecker CWR recordings, water and energy savings of up to 30% can be achieved.

The instrument's high-specification immersion probe is normally installed in the circulation line of the washing machine.

Application Areas

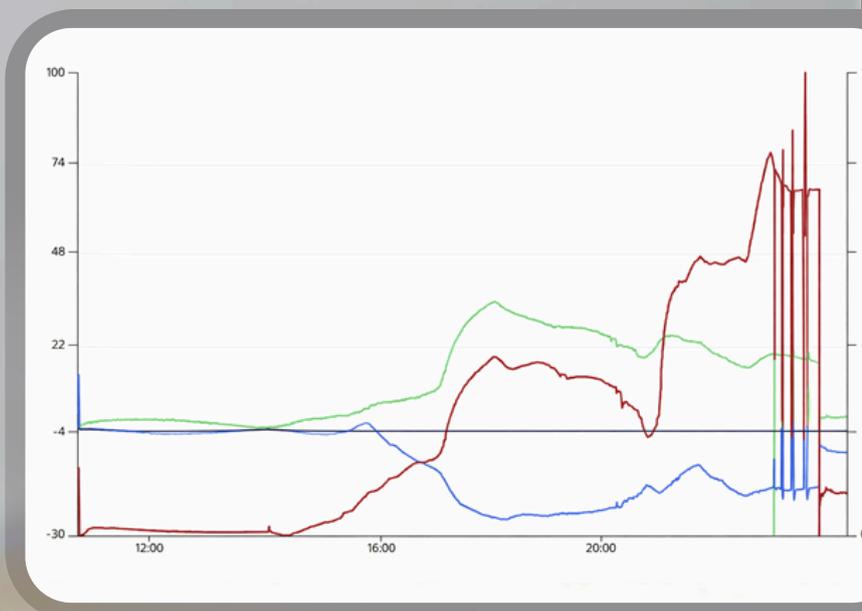
Process control of industrial washing machines

Benefits

- Objective color monitoring (L, a, b, strength)
- Reduction of water and energy consumption
- Automated 24/7 measurements
- Simple installation
- Retrofitting of existing machinery

Features

- High-grade immersion probe
- Measurement of L,a,b and color strength
- Dye concentration range approx. 0.01 to 0.5g/l
- Industrial touchscreen PC (Windows 10 IoT)
- Valve and fittings included
- Optional cloud storage of measurement data



Technical Data

Dye concentration range:	ca. 0.01 to 5g/l
Outputs:	L, a, b, strength
Temperature range for samples:	4 to 100°C
Dimensions (without probes):	354mm x 309mm x 152mm
Weight (without probes):	3.05kg
Input voltage:	100 to 240 VAC
Input frequency:	50/60 Hz
Input current:	1.5 A

Contact

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Problem: Unknown dye exhaustion before drain.

Solution: Objective color control with ColorCheckerDip.