The device display shows:

Concentration
[%]
VIGON® Cleaner   15.0
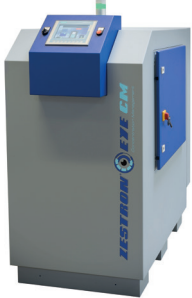
Temperature
[°C]   50.0

Sensorstatus

Products Process Optimization

ZESTRON
High Precision Cleaning

Bath Monitoring
For reliable and consistent cleaning results

ZESTRON® EYE
3P-Technology

Automatic monitoring system for precise real time concentration measurement for fresh and loaded cleaning baths

ZESTRON® EYE CM
Concentration Management

Automated concentration management system - real-time concentration measuring and automated dosage of cleaner concentrate and DI-water in a single module

ZESTRON®
Bath Analyzer 10 & 20

Simple, easy to use method to evaluate concentration of pH-neutral and alkaline cleaning agents for fresh and loaded cleaning baths

ZESTRON®
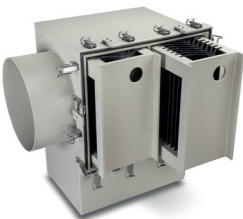*Easy Bath Control Kit*

A method to determine wash bath concentration as well as providing evidence of alkalinity of the cleaning agent

Cleaning → **Rinsing** → **Drying** → **Analysis**

ZESTRON®
Demister

Passive system for the partial recovery of the cleaning agent from exhaust vapor

ZESTRON®
Adsorber HM 1

Heavy metal adsorber for use with cleaning and rinsing baths

Cleaning Agent Regeneration & Recovery
For a longer bath life and absorption of heavy metals from the cleaning bath

ZESTRON®
Flux Test

Indicates local distribution of carboxylic-based flux activators on PCBs

ZESTRON®
Resin Test

Indicates local distribution of resin-based residues on PCBs

Surface Analytics
For reliable conformal coating and wire bonding processes

Product Advantages

These products are developed for optimizing and securing your cleaning process, as well as for analyzing cleanliness reliability of the electronic assemblies.

Bath Monitoring

ZESTRON® EYE

- Precise and automatic real-time concentration measurement system for fresh and loaded cleaning baths
- Continuous data storage for traceability of the monitored process parameters
- Ability to integrate with the cleaning equipment PLC and automated dosing system

ZESTRON® EYE CM

- Automated measurement and monitoring of the cleaner concentration and dosing of concentrate / DI-water
- Time and cost savings. No manual measurement or dosage by the operator required
- Can be easily integrated within the production lines and connected to new or existing cleaning processes independent of machine type and manufacturer
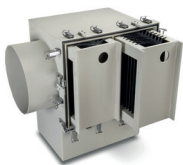
ZESTRON® Bath Analyzer 10 & 20

- Test kit for an advanced and manual concentration measurement for fresh and loaded cleaning baths
- Applicable for pH-neutral and alkaline cleaning agents
- Portable for use throughout the production facility

Cleaning Agent Regeneration & Recovery

ZESTRON® Adsorber HM 1

- Heavy metal adsorber for cleaning and rinsing baths
- No recontamination of heavy metals (i. e. Cu, Pb, or Sn) on less precious metals or components

ZESTRON® Demister

- Enables partial recovery of cleaning agent from exhaust vapor
- Passive system - no additional operating costs
- Saves overall operating costs

Surface Analytics

ZESTRON® Flux Test

- Indicates local distribution of carboxylic-based flux activators
- Quick and easy test method
- Onsite sampling inspection during production

ZESTRON® Resin Test

- Identifies the local distribution of resin-based residues
- Quick and easy test method
- Onsite sampling inspection during production