



# Viscosity Measurement & Control

**opti-color Mess- und Regelanlagen GmbH**

Technology & Solutions for Fluid Control, Supply and Evaluation

Viscosity Measuring & Control:

- OBD / OB2 / VisS sensors
- ViscoStar falling ball sets
- Test cups (e.g. DIN, ISO)
- UVC/VisO controls & units
- oc-4000 software
- ViscoLab measuring units

Coating Control & Technology:

- MCS conditioning systems
- Heating and cooling units
- Inline heat-exchangers
- Multi-/Central Tank Sets
- TC TopControl systems

Pump-Systems & Stirrers:

- Rotational ink pumps
- Diaphragm, peristaltic and special pump solutions
- Stainless steel tanks and constructions
- Stirrers (air & electrical)

Cleaning Solutions & Products:

- ACS water recycling units
- ARMEX blasting media
- Spray and washing cabins

and more ...:

- oc-Blending systems
- Foundry coating control
- Temperature control sets
- Level control systems
- pH metering and control
- Snaplock sets / couplings
- Filters and filter bags
- LionGrip handling units
- Hofpartner shafts/chucks
- Montalvo tension controls
- Montalvo brakes/clutches
- ... and more

**opti-color Mess- und Regelanlagen GmbH**

Vor dem Dorf 2  
D-31162 Bad Salzdetfurth  
Germany

Tel: +49 (0) 5064 / 8077  
E-Mail: info@opti-color.de  
Home: www.opti-color.de

## Viscosity Measurement and Control

Viscosity measurement is our life, we offer suitable products and solutions to measure and control liquids in working process as well as for lab applications.

## Viskositätsmess- und -regelanlagen

Viskosität - das ist unsere Welt. Wir bieten Produkte und Lösungen zur Erfassung und Regelung von Flüssigkeiten im laufenden Prozess sowie für den Laboreinsatz.

### Test Cups and Accessories / Messbecher und Zubehör

DIN, FORD, ISO and Zahn cups, oc-test cups for manual usage in process with handle, cups with overflow brim, tripods and other accessories

*DIN, FORD, ISO und Zahn Messbecher, oc-Becher mit Griff zum Einsatz vor Ort, Becher mit Überlaufbrand, Sonderkonstruktionen, Stative und ergänzendes Zubehör*



### Viscosity Sensors / Sensoren zur Viskositätsfassung

Rotational viscosity sensors for direct dynamic measurement in fluids or for installation with bypass solutions

ViscoStar falling ball sensors and systems for measurement inline/in-bypass

Options like sensors in ATEX-versions, with additional temperature probes and more ...

*Rotations-Sensoren für direkte und Bypass-Installationen mit dynamischer Messung in zu erfassenden Flüssigkeiten*

*ViscoStar Fallkörpersensoren und -systeme zur Inline-/Bypass-Installation*

*Optional: Sensoren in ATEX-Ausführung, ergänzende Temperatursensoren u.v.m. ...*



### Viscosity Control and Evaluation / Viskositätsregelung und -auswertung

Viscosity indication and control units in long-life-design, pre-made scales or optional scale-editor, individual control parameters, central display systems with net-functions e.g. for combination with oc-4000 or oc-Blending software.

Options: Multi-valve control for up to 3 solvents, temperature display and inline-controls with heating/cooling and more ...

*Viskositätsanzeige und -regelung in hochwertiger Industrie-Ausführung, vorprogrammierte Skalen bzw. optionaler Skaleneditor und diverse Regelparameter, Netzwerkfunktion für oc-4000 bzw. oc-Blending Software etc.*

*Optional: Mehrventilsteuering (bis zu 3 Lösemittel), Temperaturregelungen mit Kühlung/Heizung u.v.m. ...*

ViscoLab: Rotational units for offline measurements in labs and quality control

*ViscoLab: Rotationsviskosimeter für Messungen in Labor und Qualitätskontrolle*



## Viscosity Measurement & Control

All for measurement, control and understanding of viscosity of fluids in process and lab / research.

*Viskositäten von Flüssigkeiten messen, regeln und verstehen, im Prozess und Laborbereich*

- Test-Cups based on DIN, ISO, FORD and Zahn ...
- Rotational sensors for direct tank installation, inline usage
- Falling ball systems, sensors with optional cleaning support
- Control / display units for single stations, optional software ...



## Pumps, Stirrers, Tanks & Accessories

Pumps, stirrers, stainless steel tanks and various accessories for industrial liquid processes

*Pumpen, Rührwerke, VA-Behälter und diverses Zubehör für industrielle Verarbeitung von Fluiden*

- Rotating, diaphragm, gear and peristaltic pumps ...
- Electric and pneumatic stirrers, ring-propellers, baldes ...
- Tanks and tank constructions, trays and bath systems ...
- Inline filters, dosing valves and hoses, Snaplock-Couplings ...

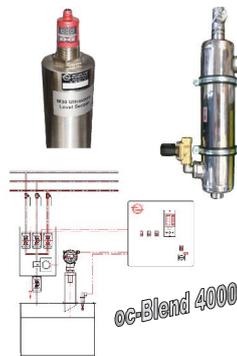


## TC Process Controls & Blending Systems

Special solutions, control functions for your process - we do it!

*Spezielle Regelungen/Lösungen für Ihren Prozess - wir machen's!*

- TC-Level control e.g. with ultrasonic sensors, refill pumps ...
- B-Type inline heat exchanger for heating and/or cooling
- opti-Blend 4000 system, recipe based control, automatic refill...



## Handling Systems & Shafts/Chucks

*Hofpartner Systeme und Lösungen bei opti-color, incl. Service!*

- LionGrip/Air-Handle Liftsysteme
- Spannwellen und -köpfe, ...



## MCS Coating & Temperature Control

Compact tank systems and controls based on our tool-box concept to make it best-suitable for your task.

*Kompakte Behälter- und Regelsets aus unserem Baukasten-System, um individuelle Lösungen zu haben.*

- MCS-35/12 units incl. heating, cooling, level-control, pumps ...
- UV-sets for online control incl. heating and automatic refill ...
- MCS-Pump sets with optional cleaning valves and support ...
- Individual, customized sets with selection of functions ...



## MultiTank Sets & Customized Solutions

Storage and supply tanks, coating baths, trays, integrated control for various parameters, central displays

*Vorrats- und Versorgungsbehälter, Tauchbecken, Wannen, integrierte Regelungen und Zentralsteuerung*

- MultiTank sets with 2, 3 and more tanks, cleaning valves ...
- Mixing tanks, special shape for high solid-contents ...
- Pump selection and support for ring- and supply lines ...
- Installations and service/support for startup on site ...



## ARMEX & ACS - Cleaning & Recycling

Cleaning e.g. with ARMEX or spray units, ACS water treatment/sets.

*Reinigen mit ARMEX Strahlmitteln, Sprühsets, ACS Flockungssysteme.*

- ARMEX blast systems - effective cleaning with „Baking Soda“
- ACS flocculation tanks/powders for waste-water treatment
- SKAB/RKAB spray and cleaning systems ...



## Tension Controls, Brakes & Clutches

*Montalvo Systeme und Lösungen bei opti-color, incl. Service!*

- Bahnspannungsregler/Messung
- Bremsen und Kupplungen, ...



## opti-color Mess- und Regelanlagen GmbH

Vor dem Dorf 2  
D-31162 Bad Salzdetfurth  
Germany

Tel: +49 (0) 5064 / 8077  
E-Mail: info@opti-color.de  
Home: www.opti-color.de



Distributor / Contact:

Information is based on standards of 01/2025, errors and omissions excepted!  
Pictures partly show systems/parts incl. options and may vary from effective supplies. (\*): Function/feature is an option, no part of standard systems.

