Conductivity, ORP and DO SENSORS

CHS CondiLab 22P



SPECIFICATIONS	
Range	10 µS/cm ... 20 mS/cm
Temperature	0 ... 80 °C
Cell constant	C=1
Body	Glass
Electrodes	Pt
Temp. sensor	NTC 30kOhm
Applications	Universal

CHS CondiLab 50R



SPECIFICATIONS	
Range	100 µS/cm ... 500 mS/cm
Temperature	0 ... 80 °C
Cell constant	C=10
Body	Glass
Electrodes	Pt rings 3×
Temp. sensor	NTC 30kOhm
Applications	High salinity

CHS CondiGo 30W



SPECIFICATIONS	
Range	10 µS/cm ... 20 mS/cm
Temperature	0 ... 60 °C
Cell constant	C=1
Body	Plastic
Electrodes	Pt rings 2×
Temp. sensor	NTC 30kOhm
Applications	Portables

CHS CondiLab 40L



SPECIFICATIONS	
Range	0.1 µS/cm ... 1 mS/cm
Temperature	0 ... 80 °C
Cell constant	C=0.1
Body	Glass
Electrodes	Pt plates 2×
Temp. sensor	NTC 30kOhm
Applications	Low conductivity

CHS FermPro ORP



SPECIFICATIONS	
Range	+/−1500
Temperature	0 ... 130 °C
Pressure	max 6 bar
Electrolyte	Chromolyte (pressurized)
Ref. system	Ag/AgCl-IB
Body	Glass
Diaphragm	Ceramic
Electrode	Pt ring
Temp. sensor	–
Applications	Food & Pharma

CHS ChemControl ORP



SPECIFICATIONS	
Range	+/−1500
Temperature	0 ... 60 °C
Pressure	max 6 bar
Electrolyte	Chromolyte
Ref. system	Ag/AgCl
Body	Glass
Diaphragm	Ceramic
Electrode	Pt wire
Temp. sensor	–
Applications	Water treatment

CHS ODO Sens S



SPECIFICATIONS	
Range	0 ... 45 mg/l
Det. limit	20 ppb (0.015 mg/l)
Temperature	−40 ... 90 °C
Abs. pressure	10 mbar ... 12 bar
Sensing elem.	Luminofor cap
Analog output	4 ... 20 mA
Digital output	RS485
Body	Stainless steel 1.4435
Surface	Ra<0.4 µm (N5)
Temp. sensor	NTC 30 kOhm
Applications	Food & Pharma

CHS ODO Sens T



SPECIFICATIONS	
Range	0 ... 4.5 mg/l
Det. limit	0.5 ppb
Temperature	−40 ... 90 °C
Abs. pressure	10 mbar ... 12 bar
Sensing elem.	Luminofor cap
Analog output	4 ... 20 mA
Digital output	RS485
Body	Stainless steel 1.4435
Surface	Ra<0.4 µm (N5)
Temp. sensor	NTC 30 kOhm
Applications	Breweries

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Transmitters AND SPECIALTIES

CHS Transmitters



CHS UV Sens



Armatures



CHS Tracer



Cables



CHS Display unit



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pH/ORP/DO/conductivity SENSORS

CHROMSERVIS

Process

SENSORS

CHS FermPro®



SPECIFICATIONS	
pH	0 ... 14
Temperature	0 ... 130 °C
Pressure	max. 6 bar
pH glass	PHY
Ref. system	Ag/AgCl-IB
Diaphragm	Ceramic 1×
Temp. sensor	Pt100/Pt1000
Applications	Food & Pharma

CHS ChemPlus®



SPECIFICATIONS	
pH	0 ... 14
Temperature	0 ... 130 °C
Pressure	max. 8 bar
pH glass	PHY
Ref. system	Ag/AgCl
Diaphragm	Open pore 2×
Temp. sensor	Pt100/Pt1000
Applications	Biotechnologies

CHS ChemCleen®



SPECIFICATIONS	
pH	0 ... 14
Temperature	0 ... 100 °C
Pressure	max. 5 bar
pH glass	S
Ref. system	Ag/AgCl
Diaphragm	PTFE ring
Temp. sensor	Pt100/Pt1000
Applications	Galvanic baths

CHS Chem XL®



SPECIFICATIONS	
pH	0 ... 14
Temperature	0 ... 130 °C
Pressure	max. 6 bar
pH glass	H
Ref. system	Ag/AgCl-IB
Diaphragm	Ceramic 3×
Temp. sensor	Pt100/Pt1000
Applications	Chemical

CHS PurePro®



SPECIFICATIONS	
pH	0 ... 14
Temperature	−10 ... 60 °C
Pressure	max. 6 bar
pH glass	S
Ref. system	Ag/AgCl
Diaphragm	Ceramic 3×
Temp. sensor	Pt100/Pt1000
Applications	Ultrapure water

CHS WaterBase



SPECIFICATIONS	
pH	0 ... 14
Temperature	−10 ... 80 °C
Pressure	max. 6 bar
pH glass	S
Ref. system	Ag/AgCl
Diaphragm	Ceramic 1×
Temp. sensor	on request
Applications	Swimming pools

CHS WaterBase Plus



SPECIFICATIONS	
pH	0 ... 14
Temperature	−10 ... 60 °C
Pressure	max. 6 bar
pH glass	S
Ref. system	Ag/AgCl
Diaphragm	Open pore 1×
Temp. sensor	Pt100/Pt1000
Applications	Water treatment

CHS ChemControl



SPECIFICATIONS	
pH	0 ... 14
Temperature	−5 ... 60 °C
Pressure	max. 6 bar
pH glass	HF
Ref. system	Ag/AgCl
Diaphragm	Ceramic 1×
Temp. sensor	on request
Applications	Chemical industry

Laboratory

SENSORS

CHS Polymer Green



SPECIFICATIONS	
pH	0 ... 14
Temperature	−10 ... 80 °C
Electrolyte	Polymer
Ref. system	Ag/AgCl
Body	Glass
Diaphragm	Open pore 1×
Temp. sensor	–/NTC30
Applications	Universal

CHS FermPro® Lab



SPECIFICATIONS	
pH	0 ... 14
Temperature	0 ... 130 °C
Electrolyte	Chromolyte (pressurized)
Ref. system	Ag/AgCl-IB
Body	Glass
Diaphragm	Ceramic 1×
Temp. sensor	–
Applications	Difficult samples

CHS ChemCleen® Lab



SPECIFICATIONS	
pH	0 ... 14
Temperature	0 ... 80 °C
Electrolyte	Gel with bridge
Ref. system	Ag/AgCl
Body	Glass
Diaphragm	PTFE ring
Temp. sensor	–/NTC30
Applications	Galvanic baths

CHS ChemFlex



SPECIFICATIONS	
pH	0 ... 14
Temperature	0 ... 60 °C
Electrolyte	Gel
Ref. system	Ag/AgCl
Body	Plastic/glass
Diaphragm	Ceramic 1×
Temp. sensor	–/NTC30
Applications	Portables

CHS Sleeve



SPECIFICATIONS	
pH	0 ... 14
Temperature	0 ... 60 °C
Electrolyte	3M KCl refillable
Ref. system	Ag/AgCl
Body	Glass
Diaphragm	PTFE sleeve
Temp. sensor	–
Applications	Viscous samples

CHS Sleeve AN



SPECIFICATIONS	
pH	0 ... 14
Temperature	0 ... 60 °C
Electrolyte	LiCl/EtOH refillable
Ref. system	Ag/AgCl
Body	Glass
Diaphragm	PTFE sleeve
Temp. sensor	–
Applications	Suspensions

CHS Polymer Plast



SPECIFICATIONS	
pH	0 ... 14
Temperature	0 ... 60 °C
Electrolyte	Polymer
Ref. system	Ag/AgCl
Body	Plastic
Diaphragm	Open pore/ceram.
Temp. sensor	–/NTC30
Applications	Portables

CHS GelPlast



SPECIFICATIONS	
pH	0 ... 14
Temperature	0 ... 60 °C
Electrolyte	Gel
Ref. system	Ag/AgCl
Body	Plastic
Diaphragm	Ceramic 1×
Temp. sensor	–
Applications	Portables

Special

SENSORS

CHS Dart



SPECIFICATIONS	
pH	0 ... 14
Temperature	0 ... 100 °C
Electrolyte	Glycerine KCl refillable
Ref. system	Ag/AgCl
Body	Glass
Diaphragm	Ceramic 2×
Temp. sensor	–/NTC30
Applications	Food

CHS Polymer Dart



SPECIFICATIONS	
pH	0 ... 14
Temperature	0 ... 60 °C
Electrolyte	Polymer
Ref. system	Ag/AgCl
Body	Glass
Diaphragm	Open pore 2×
Temp. sensor	–/NTC30
Applications	Food

CHS Polymer Dart Steel



SPECIFICATIONS	
pH	0 ... 14
Temperature	0 ... 60 °C
Electrolyte	Polymer
Ref. system	Ag/AgCl
Body	Stainless steel/glass
Diaphragm	Open pore 2×
Temp. sensor	–/NTC30
Applications	Food

CHS Cultro Dart



SPECIFICATIONS	
pH	0 ... 14
Temperature	0 ... 60 °C
Electrolyte	Polymer
Ref. system	Ag/AgCl
Body	Stainless steel/glass
Diaphragm	Open pore 2×
Temp. sensor	–
Applications	Food & Soil

CHS PurePro Lab



SPECIFICATIONS	
pH	0 ... 14
Temperature	−10 ... 60 °C
Electrolyte	Gel-LR
Ref. system	Ag/AgCl
Body	Glass
Diaphragm	Ceramic
Temp. sensor	–
Applications	Ultrapure water

CHS NMR Green 60



SPECIFICATIONS	
pH	0 ... 14
Temperature	0 ... 100 °C
Electrolyte	3M KCl refillable
Ref. system	Ag/AgCl
Body	Glass
Diaphragm	Ceramic
Temp. sensor	–
Applications	NMR tubes

CHS NMR Green 180



SPECIFICATIONS	
pH	0 ... 14
Temperature	0 ... 100 °C
Electrolyte	3M KCl refillable
Ref. system	Ag/AgCl
Body	Glass
Diaphragm	Ceramic
Temp. sensor	–
Applications	NMR tubes

CHS Cheese Green



SPECIFICATIONS	
pH	0 ... 14
Temperature	0 ... 80 °C
Electrolyte	Glycerine KCl refillable
Ref. system	Ag/AgCl
Body	Glass
Diaphragm	Ceramic
Temp. sensor	–
Applications	Food