

Kronos 20 Digital pump is a higher level professional pump suitable for use in harsh environments, with some interesting extra features that make it the best solution for many applications in both C&H and WT&I markets.



Features:

- IP 65 Protection degree
- Digital interface with 2x8 characters LCD display with backlight
- Easy three button interface
- Built in tube break alarm sensor
- Level control input
- Optional motors with encoder for more accurate speed control (1%-100%)
- ModBus communication port (option)
- Wheels holder mounted on ball bearing, for a longer life of the pump
- Motors overcurrent protection
- Snap in transparent cover

Technical Characteristics:

- **FLOW RATES**
 - 0,01÷10 l/h
- **BACK PRESSURE**
 - 0,1÷3 bar
- **POWER SUPPLY**
 - 100÷240 Vac - 50/60 Hz - 5 W
- **MATERIALS**
 - **ENCLOSURE:** PP with fiber glass
 - **PUMP HEAD:** PP
 - **TUBES:** Santoprene
Sekomed
Sekoextra
Others upon Request
- **DOSING**
 - Adjustable by software in the range 1÷100% (1÷14% ON -OFF)
 - Adjustable in the range 1÷100% continuously if motor with encoder is adopted
 - Timed or calibrated mode selectable
- **MOTORS**
 - Brushed DC Motors (optionally with built in encoder)
 - Overcurrent protection
- **CONDUCTIVITY MEASURE RANGE (CR MODEL)**
 - 200 µS – 15 mS with conductive probe and Temperature compensation
- **FUNCTIONS**
 - Speed Regulation By Software
 - Level Control Input
 - Up to 2 trigger inputs (24 or 100-230 Vac) from Machine S.V.)
 - Proportional Reaching of the set point on CR Model (100% of the speed until 80% of the set point and speed gradually decreasing until set point is reached)
 - Special function that allows to start dosing only when liquid is detected in the tank and only when a programmed temperature has been reached (CR model)

PUMP KEY CODE

1, 2, 3, 4	Family, Function					
KTDR	Kronos 20 Digital, Constant Detergent Pump					
KTSR	Kronos 20 Digital, Constant Rinse Pump					
KTCR	Kronos 20 Digital, Conductivity Control Input					
	5, 6	Back pressure				
	00	0,1 bar				
	03	3 bar				
	7, 8	Flow Rate				
	01	1 l/h (16,7 ml/min)				
	07	7 l/h (116,7 ml/min)				
	10	10 l/h (166,7 ml/min)				
	9	Power Supply				
	M	100÷240 Vac				
	10	Membrane tubes				
	1	Santoprene				
	5	Sekoextra				
	6	Sekomed				
	11	Communication				
0	No Communication					
I	Isolated ModBus					
M	Not Isolated ModBus					
12, 13	Customization					
00	No customization					
KTCR	00	10	M	1	0	00

RESUME TABLE

CODE					VALUES			
Family	Back Pressure	Flow Rate	Power Supply	Tube	Back Pressure bar (psi)	Flow Rate l/h (ml/min)	Power Supply	Tube Material
KTDR	00	07	M	1	0,1 (15)	7 (116,7)	100÷240 Vac	Santoprene
KTSR	03	01	M	5	3 (450)	1 (16,7)	100÷240 Vac	Sekoextra
KTCR	00	10	M	1	0,1 (15)	10 (166,7)	100÷240 Vac	Santoprene

DIMENSIONS

