

sample conditioning unit MARK® 01 MK

Cooling, restriction, filtration and regulation of the sample flow rate.
Temperature, pressure and sample flow rate indication.
Cooling water temperature, pressure and flow rate indication (optionally).
Sample conditioning for water chemistry monitoring instruments at power engineering facilities.



Continuous monitoring of the sample parameters and data transfer via digital and current outputs.
Sample stable pressure maintaining.
Alarm sound and automatic shut off the sample in case of the regime violation.
Temperature and pressure setpoints for the sample automatic shut-off.
Blowdown valve of the control line.
Compact stainless steel panel 350*944 mm.
One-way service.
Easy-clean dismountable heat-transfer unit.

WARRANTY

12

months



specification

Sample parameters	Version MARK 01 MK/					
	7/40	7/250	7/560	32/40	32/250	32/560
Sample temperature at the sample conditioning unit input, max, °C	40	250	560	40	250	560
Sample temperature at the additional heat-transfer unit output, max, °C	–	–	250	–	–	250
Sample pressure at the sample conditioning unit input, max, MPa (kg/cm²)	7			32		
Sample pressure at the sample conditioning unit output, max, MPa				0,3		
Sample temperature at the sample conditioning unit output, max, °C				50		
Sample flow rate range, dm³/h				0–60		
Weight, kg, max	14	24	31	14	24	31
Power supply	220 V, 50 Hz /50 V · A via power supply 24 V					

ORDERING DATA

basic kit

Version	MARK 01 MK/					
	7/40	7/250	7/560	32/40	32/250	32/560
Control unit MARK 01 MK	•	•	•	•	•	•
In-gate and blowdown valve	•	•	•	•	•	•
High / low pressure regulating valve	•	•	•	•	•	•
Main heat-transfer unit	•	•	•	•	•	•
Electric driven shutdown valve	•	•	•	•	•	•
Pressure control unit	•	•	•	•	•	•
Flow meter	•	•	•	•	•	•
Filter	•	•	•	•	•	•
Power supply unit	•	•	•	•	•	•
Additional heat transfer unit			•			•

optionally

Cooling water rate indicator
Cooling water thermometer / manometer
Reserve coil for the main / additional heat-transfer unit