

WATER COOLING UNIT

Cooling unit	C 59412	C 59430
Supply temperature	5-15 °C	
Volume flow at max. supply temperature	10 m³/h	15 m³/h
Supply pressure - static	≤ 800 kPa	
Return - Dynamic differential pressure	≥ 300 kPa	
Amount of heat to be dissipated	110 kW	220 kW
ph-value	7±1	
Dirt particle size	<25 µm	
Water hardness - overall	<1,4 mmol/l (< 140 ppm)	
Water hardness - carbonate	<0,9 mmol/l (< 90 ppm)	
Process water connection - thread size	G 1 1/2"	
Total mass	~300 kg	~500 kg
Dimensions W x H x D	800 x 2200 x 900 mm	800 x 2200 x 1100 mm

FEATURES

- Water cooling for shakers with nominal force of 74 kN to 300 kN
- includes the complete primary circuit of shaker cooling system for the TIRA water-cooled shakers and the hydraulics of the shaker's hydrostatic bearings
- Extraction of the heat is carried out by a customer-provided secondary-process water circuit
- Monitoring of the circuits by several pressure gauges and flow meters
- Controlled by PLC and multifunctional display
- Connections to the shaker are accomplished by hoses with self-sealing couplings that are free from leakage.
- Closed primary circuit --> No pollution and no water loss by evaporation
- Integrated demineralisation and conductance monitoring
- Water consumption is reduced by regulation of process water flow
- Front and side walls are designed with swing doors for a good accessibility to all components
- Designed as compact mobile device



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