

Product series: WK3-160-9-50	Medium: Water Maximum medium temperature: 160 °C
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Supply voltage: 380-415V / 50Hz 3p Total power approx. 10 kW Power consumption: ca. 15,6 A Connection cable: Length: 3m Plug: 16A CEE	Heating capacity: 9 kW Maximum system pressure: 14 bar Maximum external volume: 15 ltr
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Pump: Art: Reinforced Delivery rate (max): 57 ltr/min Delivery pressure (max): 6 bar Engine power: 1 kW Type: Peripheral	Refrigeration: Power: 50 kW Set-up: indirect Cooling water consumption: 13,5 ltr/min Cooling valve: Continuous bypass of heat exchanger using a 3-way valve
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Dimensions in mm(L/W/H): 780 (without connections) x 305 x 705 Weight: 72 kg to 90 kg, (depend. On features) Color coarse-textured semi-gloss: Housing: RAL7035 Frontdoor: RAL7016 Mounting: Rollers with two brakes	Connections: Circulating medium: int. thread 1/2" Cooling water: int. thread 1/2" Filling: Automatic filling via cooling water
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Functional equipment hydraulic: - Bypass between to and from process with reduced cross-section - Level monitoring by magnetic float switch TCU. - Monitoring of to process pressure via manometer at backside of unit - Flow monitoring by measuring surface temperature of heating rods, temperature fuse - Dirt trap in cooling water supply and return line of circulating system- Isolation of all heat carrying hydraulic components - Continuous bypass of heat exchanger - Bypass between the cooling water inlet and outlet	Functional equipment electric: - Controller Smart Controller (7"-touch display) - Heating by Hybrid SSR - Control cabinet IP54, forced ventilation General equipment: - Heating with Incolloy stainless steel tubular heaters
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Artikelnummer: IM160F

Selected features:

- Booster Pump to increase filling pressure (M.BP.WK3)
- Pressure gauge in pre run (M.PG1.WK3)
- Professional package consisting of: (PRO.WK3)
Smart Controller plus, frequency converter and
pressure transducer, ext. PT100,
return temperature information, flow measuring
If a fault-current circuit breaker (FI) is
installed in the electrical supply line
to the TCU, a FI "Type B" must be used.
If the rated current of the FI is 30mA
only one TCU can be operated at this FI
- Tool drainage suction (M.TDS.WK3)
suction of the external consumer
- plug 16 A/ CEE completely installed (E.PSC16.WK3)
- Continuous bypass of the Heat exchanger (M.CB.WK3)
with 3-way-valve
- Current interface 20mA Arburg (SSC.IFARBURG)
via 9-pin D-sub connector