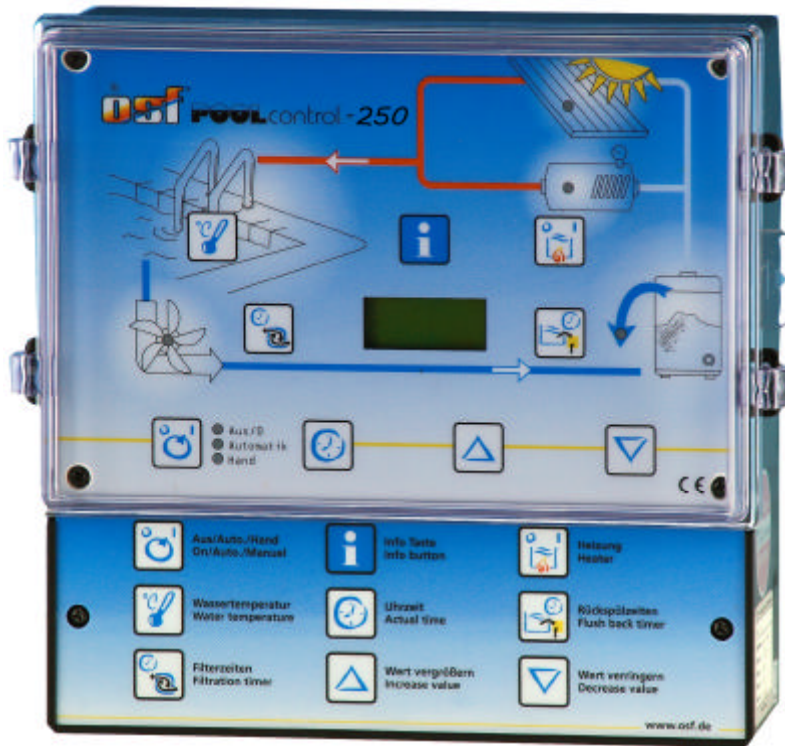


Swimming-pool control with solar regulation



POOL-CONTROL-250


New comfortable micro processor control for a modern swimming pool. The mains connection is possible alternatively with 400 V and 230 V.

A digital display indicates both the water temperature and the time.

By pressing the information button „i“, the temperature sensor values, the counter for hours of operation, the language of the country and additional equipment information are indicated in the display. A back wash control for two rod valves (back wash and clear rinsing) and an anti-icing function for outdoor swimming pools have been integrated as a standard. The anti-icing function may be switched, if required.

The control range of the temperature control ranges from 0°C to 40°C. By connecting a solar temperature sensor, the solar control is automatically activated. The electronic filter-pump protection with a set area from 0 to 8A is adjusted with the info key. As a standard, the control is equipped with a counter for hours of operation for the filter pump, heating and solar heating and with a back wash counter thus facilitating system dependent energy management.

In addition to the 230V switching output, the heating can be switched by a potential-free relay output. With this contact a central heating can be switched. A potential-free relay output for the dosing equipment is also available.

Due to the integrated diagnostic connector on the circuit board, an  service terminal can be connected.

For the protection of the heating, the after-running of the filter pump – available as a standard – can be activated.

Furthermore, connecting options for our collecting tank control NR-12-TRS-2 and for the back wash control EUROTRONIK-10 are available.

backwashing with pneumatic valve or 6-way-valve possible

Connecting diagram POOL-CONTROL-250

L1	L2	L3	N	U1	V1	W	WSK	U2	N	U3	N	U4	N	U5	U6	N	2	3	4	5	11	12	13	14	20	21	22	23	30	31	32	33						
mains 400/230V 50Hz			filterpump 400V			safety contact filterpump			heating 230V			pneumatic backwash valve			pneumatic rinsing valve			solar-actuating drive 230V			backwash automatic EUROTRONIK-10			water level control NR-12-TRS-2			chemical control potential-free			heating potential-free			temperature sensor water			temperature sensor solar		

Technical data POOL-CONTROL-250

nominal voltage	3/N/PE 400/230V/50Hz
pumpe switching capacity	3,0kW AC3
heating switching capacity 230V	2V 230V
heating switching capacity potential-free	8A (230V)
switching capacity chemical control	8A (230V)
ingress protection	IP 40
housing size	220 x 220 x 100
temperature range	0°C bis +40°C
hysteresis (temperature control)	0,2K
sensor element	NTC