

## SONOREX TECHNIK

### Oil separator OX 16 to OX 210

Oil separator OX 16 to OX 210 for removing floating oil and grease from the baths surface

Oil separators extend the service life of aqueous cleaning liquids. The mixture of oil and cleaning liquid is fed from the ultrasonic cleaning bath into the first chamber of the oil separator. Here, gravity causes the oil to separate from the aqueous liquid on coalescing sheets. The wastewater limits are not undercut as a result. The remaining liquid flows into the bottom of the second chamber and rises up in accordance with the principle of communicating vessels. The second chamber contains an immersible pump, which pumps the liquid through a fine filter back into the ultrasonic bath.

The OX 16 to OX 210 oil separators each consist of the OX 500 basic unit and the AOX connection kit for connection to the ultrasonic bath.



Oil Separator ...	OX 16	OX 40	OX 75	OX 110	OX 180	OX 210
Consisting of:						
oil separator (basic device)	OX 500	OX 500	OX 500	OX 500	OX 500	OX 500
connection kit	AOX 16	AOX 40/75	AOX 40/75	AOX 110/180/210	AOX 110/180/210	AOX 110/180/210
Code No.	8600A	8601A	8602A	8603A	8604A	8605A

#### Oil separator OX 500 (basic device)

Chamber volume (1 and 2)	60 l
Inlet	G 1
Return flow	ball valve G ½, stainless steel
Outlet, per chamber for emptying	ball valve G ½, brass, galvanically coated
Oil overflow	G ¾




#### Housing

External dimensions , l × w × h including control box with main switch	730 × 580 × 700 mm
Housing material	stainless steel
Degree of protection	IP 54
Feet	4 rubber feet

#### Power supply

Mains supply	230 V~ 50 Hz
Power consumption	0.25 kW
Current consumption	2.05 A
Mains cable	2 m, fixed at the unit, with safety plug CEE 7/7 (type E+F)

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<b>Pump</b>	
Pump type	immersible pump
Pump power	0.25 kW
Operating temperature	max. 70 °C
Pressure	max. 0.25 bar
Flow rate	1 m³/h, h = 2.5 m
Material	stainless steel AISI 304
Degree of protection	IP 54
<b>Filter</b>	
Material filter housing	polypropylene (PP)
Filter cartridge	disposable filter, polypropylene (PP), 9 ¾", filter mesh 25 µm
<b>Environmental conditions</b>	
Permissible ambient temperature	5 – 40 °C
Permissible relative humidity to 31 °C	80 %
Permissible relative humidity to 40 °C	50 %
<b>Connection kit</b>	
	  
	AOX 16                      AOX 40/75                      AOX 110/180/210
Hoses	EPDM
Hose socket	brass, galvanically coated
<b>Shipping information</b>	
Weight    net gross	70 kg 88 kg
Packing, l x w x d	special pallet, 1100 x 750 x 1240 mm