

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 × 700mm
Housing material	stainless steel
Degree of protection	IP 54
Feet	4 rubber feet

Power supply

Mains supply	230 V~ 50 Hz
Current consumption	2,05 A
Mains cable	2 m, fixed at the unit, with safety plug CEE 7/7 (type E+F)

	OX 16	OX 40	OX 75	OX 110	OX 180	OX 210
Pump						
Pump type	immersible pump					
Pump power	0.25 kW					
Operating temperature	max. 70 °C					
Pressure	max. 0,25bar					
Flow rate	1 m³/h, h = 2.5 m					
Material	stainless steel AISI 304					
Degree of protection	IP 54					
Filter						
Material filter housing	polypropylene (PP)					
Filter cartridge	disposable filter, polypropylene (PP), 9 ¾", filter mesh 25 µm					
Environmental conditions						
Permissible ambient temperature	5 – 40 °C					
Permissible relative humidity to 31 °C	80 %					
Permissible relative humidity to 40 °C	50 %					
<div></div>						
Connection kit	AOX 16		AOX 40/75		AOX 110/180/210	
Hoses	EPDM					
Hose socket	brass, galvanically coated					
Shipping information						
Weight net gross	70 kg 88 kg					
Packing, l × w × d	on a one-way pallet, 1100 × 750 × 1240 mm					