

**EUROPEAN PATENT**  
**19162312.3-1101**  
**102018000003982**



Art.no. **2050**



Art.no. **2051**



Art.no. **2250**

**new**

Automatic air separator devices, suitable to separate the air eventually present in the suction line from the oil, available with (= art. no. 2051) or without (= art. no. 2050) automatic pump stop system, patented, approved **according to OIML R117-1**; includes also manometer for the control of the outlet pressure and non-return valve.

By installing the air separator device at the fluid outlet of a pump can be achieved the working conditions needed to meet the requirements of the directive MID MI-005 in combination with an oil flow meter that must also be approved for fiscal transactions.

Art.no. **2050**  
Air separator device for pneumatic pumps.

Art.no. **2051**  
Air separator device for pneumatic pumps with automatic pump stop (stopping the pump as soon as air is sucked into the suction line due to an empty drum or tank).

Art.no. **2054**  
Air separator device for electric 230 VAC pumps with pressure switch and automatic pump stop (stopping the pump as soon as air is sucked into the suction line due to an empty drum or tank).

Art.no. **1150**  
Air separator device in stainless steel AISI 303 for pneumatic pumps with automatic pump stop (stopping the pump as soon as air is sucked into the suction line due to an empty drum or tank).

Art.no. **1151**  
Same as art.no. 1150, but for the use with electric 12 VDC pumps.

Art.no. **1152**  
Air separator device in stainless steel AISI 303 for electric 230 VAC pumps with pressure switch and automatic pump stop (stopping the pump as soon as air is sucked into the suction line due to an empty drum or tank).

Art.no. **2250**  
Pulsation damper suitable for the use with 1:1 – and 3:1 – pneumatic pumps. By installing the pulsation damper at the fluid outlet of a pump pressure peaks caused by the function of the pneumatic pump can be damped and thus a constant oil flow can be achieved.

Art. no.	Material	Flow range	Working pressure	Connections IN – OUT	Connection air discharge	Weight	Dimensions (L-W-H) (mm)
<b>2050</b>	Brass / Aluminium	0.5 - 10 l/min	1 - 20 bar	1/2" BSP (F - M)	3/4" BSP (M)	3 kg	190x110x310
<b>2051</b>						4 kg	190x110x370
<b>2054</b>						4 kg	190x110x360
<b>1150</b>	4.2 kg						
<b>1151</b>	4.5 kg						
<b>1152</b>	AISI 303	3.8 kg					
<b>2250</b>	Brass / Aluminium	-			-	1 kg	60x55x230