

S 7515 VACUUM DEGASSER

The **Sykam S 7515 Vacuum Degasser** is an on-line degasser system with high efficiency. Dissolved gases are removed from the solvents by applying vacuum to a semi-permeable membrane.

High Efficiency

The high efficient Teflon-AF® capillary has a much higher efficiency than a normal Teflon capillary of similar size. This allows the usage of a smaller length of capillary to reduce the dead volume of the system considerably.

2 Operation Modes

The **S 7515** can be run either with constant speed or in Hysteresis Mode, which switches the vacuum pump on or off.

5-Year Membrane Warranty

The **S 7515** vacuum pump uses a membrane for creating the vacuum. This membrane is made of a specific Teflon material specifically designed for fast movements. **Sykam** offers a 5-year warranty on the lifetime of this membrane.

Multi-Channel

The **S 7515 Vacuum Degasser** is available as 1-Channel, 2-Channel, 3-Channel, or 4-Channel version. Each solvent channel can be used for a different solvent or several channels can be used in series to increase the efficiency even more.

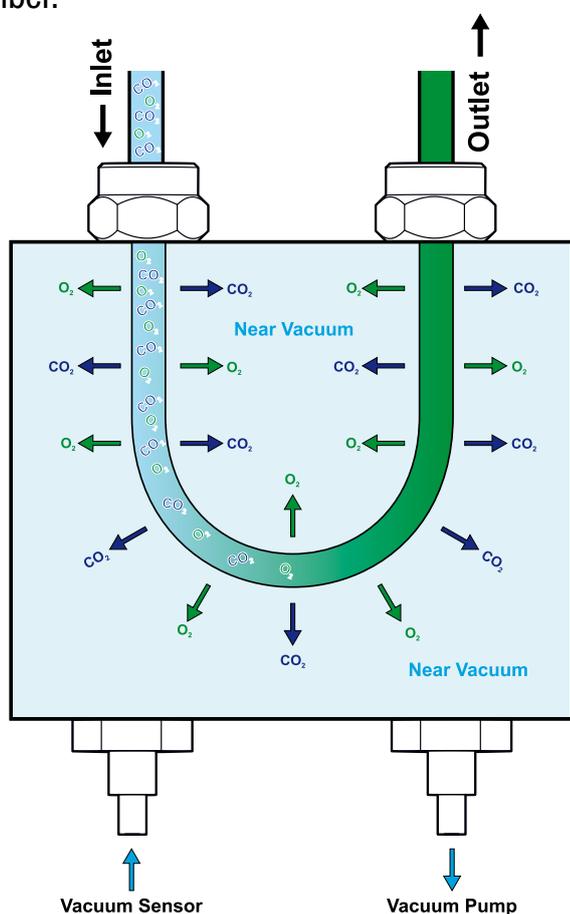
OEM

Sykam offers this instrument as an OEM product to any interested party, even for small numbers. Besides the complete instrument **Sykam** also offers the vacuum pump and vacuum chambers as OEM modules.



■ Working Principle

The solvent flows through a short length of Teflon AF® capillary inside a sealed chamber. This chamber (vacuum chamber) is completely sealed to the environment and vacuum is applied with a pump. Due to this vacuum any dissolved gases in the solvent running through the inner capillary are removed through its semi-permeable membrane wall. The high efficiency of the Teflon AF® material allows the usage of a very short length of capillary inside the vacuum chamber.



■ Specifications

Wetted Materials:	Teflon AF®, Teflon, Stainless Steel, Aluminium, EPDM
Degassing Capacity:	< 20% dissolved gases remaining in water at 1.0 ml/min
Volume / Channel:	< 500µl
Dimensions: (W x H x D)	125 x 167 x 270 mm
Weight:	3.2 kg
Power Supply:	100 - 250 ~V (47 - 63 Hz)

■ Order Information

Catalog No	Description
10 71 007	S 7515 Vacuum Degasser (1-Channel)
10 71 008	S 7515 Vacuum Degasser (2-Channel)
10 71 009	S 7515 Vacuum Degasser (3-Channel)
10 71 010	S 7515 Vacuum Degasser (4-Channel)

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