

Operating Instruction & Manual

Sarpedon reservoir unit



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1. Pre-face

Stand-alone reservoir for stabilizing / reduce pump pulsation from one or two pressure or vacuum pumps.

1.1 - Product purpose

Dual reservoir for max 1,2 bar exposure to pressurizes air. Pressure tested at 8 Bar. CE marked as to the two Riegler TUV certified pressure regulators set at 1,2 Bar.

1.2 - Device Overview

The Sarpedon is a standard product designed and manufactured by www.perfusecell.com

2. Design

Two 1 litre containers manufactured from welded aluminium tube onto aluminium flanges housed inside Hephaestus U2 stainless steel cabinet each with one-tough fittings in front.

Designed as in centre 8 mm one-tough fittings for connection to Alagonia pumps. And six 6 mm one-tough fitting for connection to various Drive Units, gauges.

The Hephaestus stainless steel cabinets designed to be stacked in any direction combined with identical Hephaestus cabinets size U1 and/or U2 and/or U3.

2.1 - In & Out in front

- Two 8 mm hose supply connection via one-touch couplings. One for each channel.
- Six 6 mm hose connection via one-touch couplings. Three for each channel.

We suggest using coloured nylon hoses. Green for vacuum and blue for pressure.

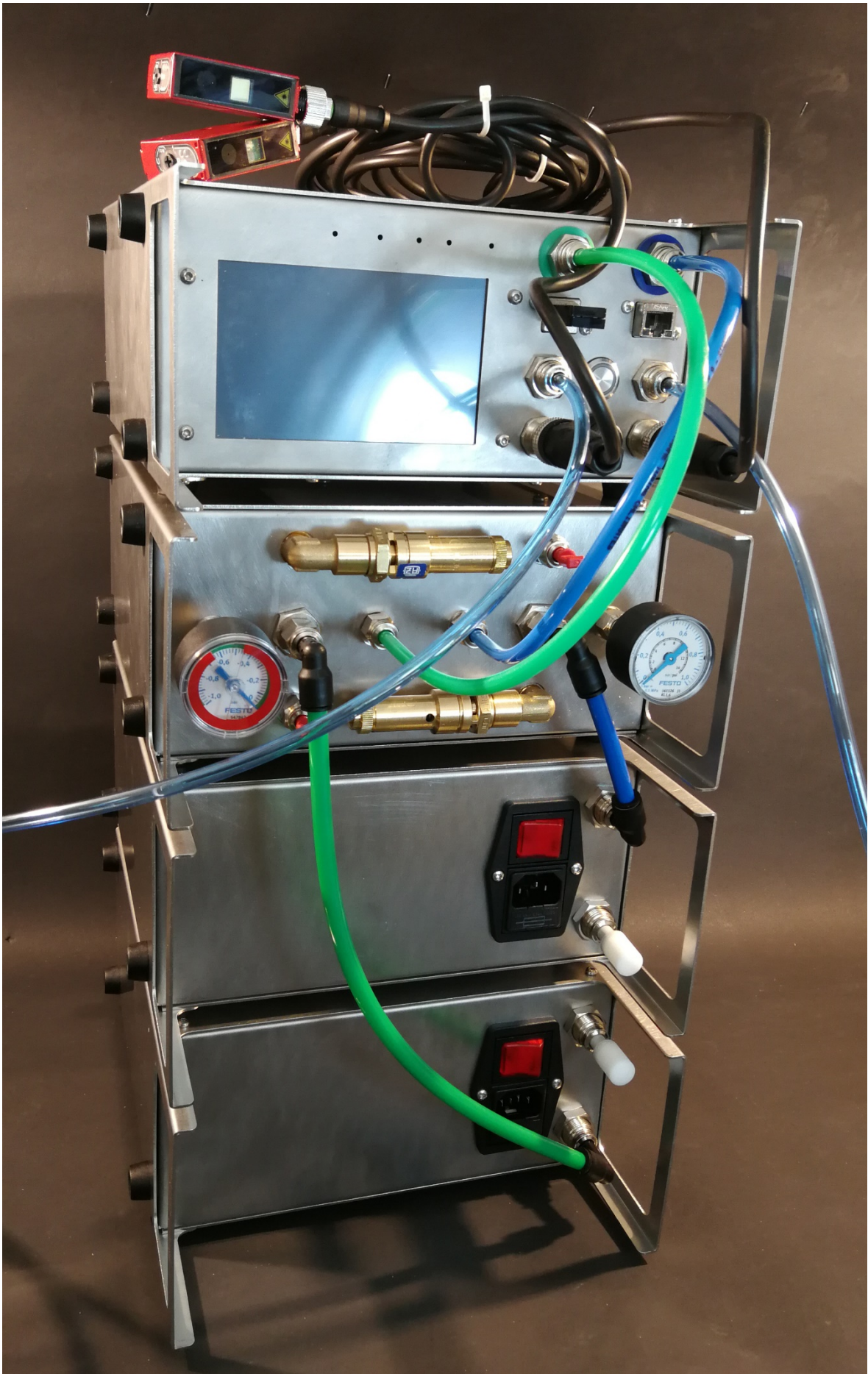




Photo show vacuum connected to the left channel and pressurised air to the right channel.

Gauges are OD 40 mm with a 6 mm tube glued into the rear metal part. Allow for simple connection to the 6 mm on-touch fittings. One gauge for +1,2 Bar and one gauge for -1 Bar.

Fixed two brass Riegler TUV certified pressure regulators set at 1,2 Bar. Each channel work equally well for either vacuum or pressure.