

FACT SHEET

● Multistimulator OG001

This small device is developed for simple fMRI experiments.
Its focus is on simplicity and high flexibility. The device has a modular design and can be equipped with up to 3 individually selected modules.
The configuration can be changed by the customer without much effort.
If more than 3 channels are required, 1 additional basic unit is needed for each 3 modules. The basic units can be set up in series.



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Base device OG001 - item #: LA-07-01874

The base device offers space for 3 individually selected modules listed below.

Odorant module Type 1 - item #: LA-07-00620

This simple module offers a pulse of odor-saturated air with a defined length. A PTFE tube with a length up to 15m guides the pulse to the subject's nose. This unit can be used with liquid or solid odorants.

Odorant module Type 2 - item #: LA-07-00855

This more effective module also provides the capability to dilute the odorant with odorless air. The amounts of odor and dilution air are adjustable from 0.05-5 lpm. The odorant flow and the dilution flow are mixed at the module and then directed via a PTFE tube to the subject's nose. This unit can be used with liquid or solid odorants.

Taste module - item #: LA-07-03525

The taste module is able to provide defined amounts of liquids. This amount is led via a tube directly to the subject's tongue. Any liquids with a viscosity like water can be used (e.g., oils or emulsions).

The device has no medical approval according 93/42/EC

Multistimulator OG001 - Technical Data

Weights and Dimensions

Basic Unit	15,0 kg
Odorant module Type 1	0,5 kg
Odorant module Type 2	1,0 kg
Taste module	2,0 kg
Dimensions	380 x 350 x 610 mm (L x W x H)

Electrical Data

Mains connection	110 - 240 VAC, 50 - 60 Hz
Power consumption main device powered on, standby:	20 VA
Maximum in operation:	90 VA
Protection class	IP 20

Ambient Conditions

Operating temperature	+10°C to +40°C
Storage temperature	- 25°C to +70°C
Rel. humidity during operation	10% to 75%
Rel. humidity in storage	10% to 80%

Technical changes reserved.

***)** *Picture shows example OG001 with all available modules (O-Type 1, Taste, O-Type 2, from left to the right), other combinations possible*