

Multistimulator OG001

This small device was created for simple fMRI experiments. Its focus is on simplicity and high flexibility. The device is built in modular shape and can be equipped individually by the customer. The configuration can also simply be changed by the customer to avoid high personnel efforts. In case 3 channels are not enough, several devices can be driven simultaneously.



Picture show example OG001 with all available modules (O-Type 1, Taste, O-Type 2, from left to the right) – Other combinations possible

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

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

The base device offers space for 3 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 similar to water can be used (e.g. oils or emulsions).