

## GU002 Gustometer



GU002 (Variant GM5)

### Field of Application

The Gustometer GU002 was especially developed for application in clinical and industrial research. Focus are experiments for obtaining evoked potentials as well as experiments for the food industry. Customer wishes for individual adaptations or extensions are welcome to be implemented.

### Brief Description

The GU002 is a complex device to produce well-defined reproducible taste stimuli on the tongue.

All liquids are warmed to avoid thermal irritations and keep the natural sensitivity of the tongue. A special spray principle allows for rising edges of less than 50 ms so

that gustatory evoked potentials can be obtained and tactile evoked potentials are avoided.

## Features

Up to 5 liquids can be used simultaneously which can be mixed or diluted. The liquids should have a viscosity similar to water. The modularity of the dosing units makes a fast upgrade possible.

The graphic user interface and help windows facilitate intuitive handling. The controlling PC and the gustometer are connected via a standard-USB connection. The GU002 provides an interface to transmit class data and timing information to external recording devices. The gustometer can also trigger external devices or can be triggered externally, e.g. by a PC with E-Prime. The device can be run with facility pressure or with the supplied pressure pump.

## Approval

The Gustometer GU002 is approved according to 93/42/EC.