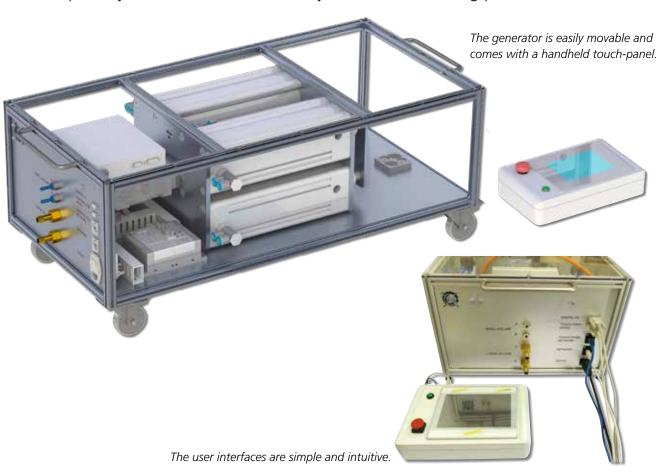


# Patient Realistic Inhaler Testing

### **Breating Profile Generator F-sig 6300**

The F-SIG 6300 by AB FIA is a breathing profile generator that is capable of replaying complex breathing patterns. Thanks to a novel multi-cylinder design, F-SIG 6300 enables generation of a number of clinical relevant patterns. F-SIG 6300 is not intended for clinical use on humans. The areas of operation are for instance: testing of pharmaceutical inhalers and nebulizers with human breathing patterns, characterization of cigarettes (smokers profiles), rodent profiles and general respiratory research that includes very controlled breathing patterns.









A typical application is the NGI with an anatomical throat and mixing inlet.

#### **User Friendly and Versatile**

The F-SIG 6300 is operator-friendly and comes with a touch panel. Profiles, possibly recorded by FIA's Metivent software, are handled and modified in a spreadsheet (e.g. Excel) and the profile library is downloaded to the F-SIG 6300. The operator can thereafter, from the library of profiles, select desired profile on the panel and start the replay of the profile.

#### **Breating Patterns**

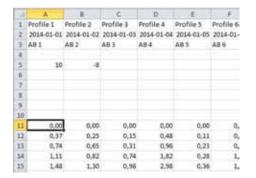
- Forceful inhalation/exhalation profiles through e.g. dry powder inhales.
- Replaying breathing patterns used in the characterization of Nebulizers as stated in e.g. USP <1601> and Ph. Eur. 2.9.44.
- Breathing patterns that comprise small air flows such as smokers' profiles or rodent nose breathing.







The equipment comes with a number of recorded profiles which are run as part of the installation qualification.



#### The Equipment:

F-SIG 6300 consists of a breathing profile generator built into a box with transparent plastic covers and placed on wheels. The control system of the multi-cylinder package is configured and operated by the user through the touch panel.

Capacity large volume: 0 – 6.3 liters
Capacity small volume: 0 – 0.1 liters

Voltage: 95 - 255VAC, 50 - 60Hz, 6.5A

Dimensions HxWxD: 380x1036x480 mm, Touch Panel: 80x280x170 mm

## For contact and more information

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