Vacuum Technologies
FRG
Control Unit

Installations Manual

Validity
This document applies to products with part number FRG700CNTR1.
We reserve the right to make technical changes without prior notice.

Further Information
Details about the intended use, scope of delivery, installation, operation, etc. you will find in the Instruction Manual tqnb01e1.
The Instruction Manual you will find on the CD-ROM (included in scope of delivery of the control unit) or it can be downloaded from our website.

Safety
Symbols Used

Personnel Qualifications

All work described in this document may only be carried out by persons who have suitable technical training and the necessary experience or who have been instructed by the end-user of the product.

Liability and Warranty
Varian assumes no liability and the warranty becomes null and void if the end-user or third parties

- disregard the information in this document
- use the product in a non-conforming manner
- make any kind of interventions (modifications, alterations etc.) on the product
- use the product with accessories not listed in the corresponding product documentation.

Use as Desk-Top Unit

Select a location where the admissible maximum ambient temperature (→ respective Instruction Manual) is not exceeded (e.g. due to sun irradiation).
For the use as desk-top unit, self-adhesive rubber feet as well as a slip-on rubber bar are supplied with the Control Units.

Mains Power Connection

The unit is supplied with a power cord. If the mains connector is not compatible with your system, use your own, suitable cable with protective ground (3×1.5 mm²).

If the unit is installed in a switching cabinet, the mains voltage should be supplied and turned on via a central distributor.

Connection of Gauges, Interface, …

→ respective Instruction Manual

Operational Instructions

Turning the Unit On
The power switch is on the rear of the unit. Turn the unit on with the power switch (or centrally, via a switched power distributor, if the unit is incorporated in a rack).

Turning the Unit Off
The power switch is on the rear of the unit. Turn the unit off with the power switch (or centrally, via a switched power distributor, if the unit is incorporated in a rack).

Wait at least 10 s before turning the unit on again in order for it to correctly initialize itself.

Fastening screws are supplied with the Control Units for installation in a 19" rack chassis adapter acc. to DIN 41 404. Required cut-out for a control panel installation → respective Instruction Manual.
Declaration of Conformity

We, VARIAN, hereby declare that the equipment mentioned below complies with the provisions of the Directive relating to electrical equipment designed for use within certain voltage limits 2006/95/EC and the Directive relating to electromagnetic compatibility 89/336/EEC.

FRG Control Unit

Part Number
FRG700CNTR1

Standards
Harmonized and international/national standards and specifications

- EN 50081-1 (Electromagnetic compatibility generic emission standard)
- EN 50081-2 (Electromagnetic compatibility generic immunity standard)
- EN 61010-1 (Safety requirements for electrical equipment for measurement, control and laboratory use)

Signatures
Varian Vacuum Technologies, USA
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