Vacuum Controller V-850/855



The Vacuum Controller V-850 and V-855 can be universally used for the display, adjustment and control of vacuum. The integrated aeration valve and the precision pressure sensor is resistant to chemicals making the Vacuum Controller a compact unit suitable for numerous applications in the Lab. The novel speed control feature when used with the Vacuum Pump V-700 or V-710 allows for hysteresis-free vacuum control with quiet operation.

The following advantages distinguish this Vacuum Controller:

- Easy operation with control knob, large graphic display screen
- Intuitive menu guidance, selection of 6 languages
- Solvent database for convenient setting of distillation conditions
- Timer function for process termination after prespecified time
- LabVac function for control of laboratory vacuum systems

The Vacuum Controller V-855 offers the additional features:

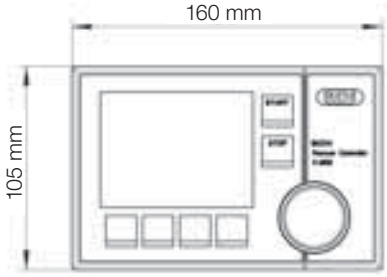
- Gradient and repetition function for gentle distillation meeting high requirements
- EasyVac function: automatic evaporation based on vapor pressure detection
- Gentle Autodistillation through detection of the distillation front in the condenser for varying solvents and mixtures

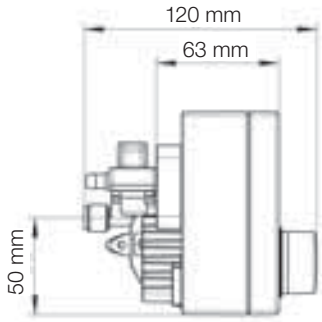




Measuring range	1400–0 mbar (hPa), 1050-1 Torr
Control range	1100–1 mbar (hPa), 825-1 Torr
Measuring principle	Capacitive, absolute pressure measurement independent of gas type/sensor of aluminium oxid-ceramic
Accuracy of measurement	±2 mbar (±1 digit) following alignment at constant temperature
Vacuum connection	GL 14
Thermal response	0.07 mbar/K^{-1}
Ambient temperature range	+10 °C to +40 °C
Power consumption	10 W
Interfaces	USB (data transmission), RS 232/RS 485 (communication), remote control, cooling water valve, Switch Box, vacuum valve
Power supply	30 VDC*
Weight	540 g
Approvals	CE GS

*connection Rotavapor R-210/215,
Vacuum Pump V-700/710 or power pack 85–264 V





Order information:
Scope of delivery: Vacuum Controller, support, communication cable and operation manual

Vacuum Controller cpl. for Rotavapor R-210/215 and Vacuum Pump V-700/V-710	**V-850** 47299	**V-855** 47298
Vacuum Controller cpl. for Rotavapor R-200/205	47297	47296
Vacuum Controller cpl. for Rotavapor R-220	47295	47294
Vacuum Controller cpl. for Rotavapor R-250	47293	47292
Vacuum Controller with power pack (Stand alone)	47231	47232

Accessories:

Remote control unit RC-81	47230
Valve unit 850 cpl.	47160
Vacuum valve 24 V 2,4 mm (R-210/R-215)	31353
Vacuum valve 24 V 4 mm (R-220)	31354
Vacuum valve 24 V 4 mm (R-250)	31355
Cooling water valve	31356
Set cable and holder for R-210/215 and V-700/710	47280

BÜCHI Labortechnik AG
Postfach
9230 Flawil
Schweiz
Tel. +41 71 394 63 63
Fax +41 71 394 65 65
buchi@buchi.com
www.buchi.com

BÜCHI Labortechnik GmbH
Postfach 10 03 51
45003 Essen
Deutschland
Freecall 0800 414 0414
Tel. +49 201 747 490
Fax +49 201 237 082
deutschland@buchi.com
www.buechigmbh.de

BÜCHI Labortechnik GmbH
Branch Office Netherlands
Postbus 142
3340 AC Hendrik Ido Ambacht
The Netherlands
Tel. +31 78 684 94 29
Fax +31 78 684 94 30
netherlands@buchi.com
www.buchi.nl

BÜCHI Italia s.r.l.
Centro Direzionale, Milano Fiori
Pal. A-4, Strada 4
20090 Assago (MI)
Italia
Tel. +39 02 824 50 11
Fax +39 02 57 51 28 55
italia@buchi.com
www.buchi.it

BUCHI (THAILAND) Ltd.
ASEAN Competence Center
300 Phaholyothin Road
Samsennai, Phayathai
Bangkok 10400
Thailand
Tel. +66 2 278 54 95
Fax +66 2 279 05 48
bacc@buchi.com
www.buchi.com

BUCHI SMP
Services Private Ltd.
201, Magnum Opus
Shantinagar Industrial Area
Vakola, Santacruz (East)
Mumbai 400 055,
India
Tel. +91 22 56 98 94 50
Fax +91 22 56 98 94 52
smplisp@vsnl.com
www.buchi.com

BUCHI Analytical Inc.
19 Lukens Drive
New Castle
Delaware 19720
USA
Tel. +1 302 652 3000
Fax +1 302 652 8777
us-sales@buchi.com
www.buchi-analytical.com

BUCHI Hong Kong Ltd.
1305, Hang Seng Mongkok Bldg.
677 Nathan Road
Kowloon, Hong Kong
China
Tel. +852 2389 2772
Fax +852 2389 2774
china@buchi.com
www.buchi.com

Nihon BUCHI K.K.
3F IMON Bldg.,
2-7-17 Ikenohata, Taito-ku,
Tokyo 110-0008
Japan
Tel. +81 3 3821 4777
Fax +81 3 3821 4555
nihon@buchi.com
www.nihon-buchi.co.jp

BUCHI Sarl
5, rue du Pont des Halles
Z.A. du Delta
94656 Rungis Cedex
France
Tél. +33 1 56 70 62 50
Fax +33 1 46 86 00 31
france@buchi.com
www.buchi.fr

BUCHI UK Ltd
5 Whitegate Business Centre
Jardine Way
(off) Broadway
Chadderton
Oldham OL9 9QL
United Kingdom
Tel. +44 161 633 1000
Fax +44 161 633 1017
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