

VWR[®]

Digital Rotary Evaporators

01. SUITABLE FOR EVAPORATION,
DISTILLATION, AND SEPARATION
OF CHEMICALS

02. TWO CONFIGURATIONS
COVERING MOST APPLICATIONS

03. EXCELLENT DISTILLATION
RESULTS OFFERING BEST
PRICE PERFORMANCE RATIO



VWR's New Digital Rotary Evaporators are available in two different configurations to fit every laboratory application and need. This basic chemical laboratory instrument is suitable for evaporation, distillation, and separation of chemicals. It can be used as a multifunctional system in combination with a vacuum pump, vacuum controller, and refrigerated circulator to provide excellent distillation solutions in many laboratory applications



SPECIFICATIONS		
Model	LCD Rotary evaporator	LED Rotary evaporator
Cat. No.	531-1365 V17 531-1366 V17C 531-1367 D17 531-1377 V12	531-1374 V17 531-1373 V17C 531-1370 D17 531-1372 V12
Temperature range (°C)	Ambient...180	Ambient...180
Evaporating rate (ml)	26 ml/min (water)	26 ml/min (water)
Heating capacity	1300 W	1200 W
Cooling surface	1200/1700 cm ²	1200/1700 cm ²
Bath capacity	5 L	5 L
Lift distance	150 mm (automatic)	110 and 100 mm (manual and auxiliary)
W×D×H (mm)	465×457×583	440×320×450
Weight (kg)	15	10
Protection class DIN EN 60529	IP20, IEC 60529	IP20, IEC 60529
Flask size	1 L	1 L
Max. flask capacity	2 L	2 L
Bath Ø	235 mm	225 mm
Rotation speed	20 - 280 rpm	20 - 200 rpm

LED DIGITAL ROTARY EVAPORATOR



- 5 L heating bath with a wide temperature range (ambient to 180 °C), independent temperature control allows it to be used separately. Water/oil heating mode can only be changed via a switch
- Manual lift combined with auxiliary lift for precise positioning of the glassware
- PID control ensures high temperature accuracy at ± 1 °C (water)
- Overheating protection temperature at 220 °C
- Boil-dry protection, unit automatically powers off if heating without water/oil in the heating bath
- Speed range from 20 to 200 rpm, timing interval operation in clockwise and anticlockwise directions for drying process

VWR LED Digital Rotary Evaporators have a patented condenser (cooling surface 1200/1700 cm² for selection), double-helix condensing tube and central circular arc design to speed up the flow rate of liquid with excellent cooling effect. The ejection mechanism ensures easy exchange of evaporating flasks. LED rotary evaporators have an adjustable immersion angle and a PTFE double-spring sealing ring which provides excellent sealing performance. The remote function provides PC control and data transmission, these models are compatible with the entire range of VWR LCD evaporator glassware.

Description (LED Model)	Cat. No.
LED rotary evaporator (531-1369), glassware set V17 (531-1375) and heating bath (531-1371)	531-1374
LED rotary evaporator (531-1369), glassware set V17C (531-1376) and heating bath (531-1371)	531-1373
LED rotary evaporator (531-1369), glassware set D17 (531-1378) and heating bath (531-1371)	531-1370
LED rotary evaporator (531-1369), glassware set V12 (531-1380) and heating bath (531-1371)	531-1372
LED rotary evaporator, main unit, LED, manual lift	531-1369
Heating bath for LED rotary evaporator, room temperature to 180 °C	531-1371

LCD DIGITAL ROTARY EVAPORATOR



- Digital display shows both rotation speed and heating temperature allowing optimal control of all distillation processes
- Automatic motor lift releases the evaporating flask to a safe position in case of power failure
- 5 L heating bath with wide temperature range (ambient to 180 °C). Water/oil heating mode can only be changed via a switch
- Overheating protection temperature at 220 °C
- Boil-dry protection, unit automatically powers off if heating without water/oil in the heating bath

The rotary evaporator features a speed range from 20 to 280 rpm, and interval operation in clockwise and anti-clockwise directions for enhanced drying process. The condenser has cooling surface of 1700 cm² maximum, which provides an excellent cooling effect. The ejection mechanism ensures easy removal of evaporating flasks. The PTFE double-spring sealing ring provides excellent sealing performance and the remote function allows PC control and data transmission.

Description (LCD Model)	Cat. No.
LCD rotary evaporator (531-1368), glassware set V17 (531-1375) and heating bath (531-1382)	531-1365
LCD rotary evaporator (531-1368), glassware set V17C (31-1376) and heating bath (531-1382)	531-1366
LCD rotary evaporator (531-1368), glassware set D17 (531-1378) and heating bath (531-1382)	531-1367
LCD rotary evaporator (531-1368), glassware set V12 (531-1380) and heating bath (531-1382)	531-1377
LCD rotary evaporator, main unit, LCD, automatic lift	531-1368
Heating bath for LCD rotary evaporator, LED display, room temperature to 180 °C	531-1382

Certifications: Protection class DIN EN 60529 IP 20, IEC 60529

Ordering information: A complete pre-configured system which consists of a main unit, heating bath and set of glassware can be ordered, or alternatively each component can be ordered separately. Accessories are not included and must be ordered separately.

Setting science in motion to create a better world



AUSTRIA

VWR International GmbH
Graumannsgasse 7
1150 Wien
Tel.: +43 1 97 002 0
info.at@vwr.com

BELGIUM

VWR International bv
Researchpark Haasrode 2020
Geldenaaksebaan 464
3001 Leuven
Tel.: +32 (0) 16 385 011
vwr.be@vwr.com

CZECH REPUBLIC

VWR International s. r. o.
Veetee Business Park
Pražská 442
CZ - 281 67 Stříbrná Skalice
Tel.: +420 321 570 321
info.cz@vwr.com

DENMARK

VWR International A/S
Tobaksvejen 21
2860 Søborg
Tel.: +45 43 86 87 88
info.dk@vwr.com

FINLAND

VWR International Oy
Valimotie 17-19
00380 Helsinki
Tel.: +358 (0) 9 80 45 51
info.fi@vwr.com

FRANCE

VWR International S.A.S.
Immeuble Estréo
1-3 rue d'Aurion
93114 Rosny-sous-Bois cedex
Tel.: 0 825 02 30 30* (national)
Tel.: +33 (0) 1 45 14 85 00
(international)
info.fr@vwr.com
* 0,18 € TTC/min + prix appel

GERMANY

VWR International GmbH
Hilpertstraße 20a
D - 64295 Darmstadt
Tel.: 0800 702 00 07* (national)
Tel.: +49 (0) 6151 3972 0 (international)
info.de@vwr.com
*Freecall

HUNGARY

VWR International Kft.
Simon László u. 4.
4034 Debrecen
Tel.: +36 52 521130
info.hu@vwr.com

IRELAND

VWR International Ltd
Orion Business Campus
Northwest Business Park
Ballycoolin
Dublin 15
Tel.: +353 (0) 1 88 22 222
sales.ie@vwr.com

ITALY

VWR International S.r.l.
Via San Giusto 85
20153 Milano (MI)
Tel.: +39 02 3320311
info.it@vwr.com

THE NETHERLANDS

VWR International B.V.
Postbus 8198
1005 AD Amsterdam
Tel.: +31 (0) 20 4808 400
info.nl@vwr.com

NORWAY

VWR International AS
Brynsalleen 4,
0667 Oslo
Tel.: +47 22 90 00 00
info.no@vwr.com

POLAND

VWR International Sp. z o.o.
Limbowa 5
80-175 Gdansk
Tel.: +48 58 32 38 200
info.pl@vwr.com

PORTUGAL

VWR International –
Mat. de Laboratório, Soc.
Unipessoal, Lda
Edifício Ramazzotti
Avenida do Forte 6, P-1.09 e
P-1.10
2790-072 Carnaxide
Tel.: +351 21 3600 770
Info.pt@vwr.com

SPAIN

VWR International Eurolab S.L.U.
C/ Tecnología 5-17
A-7 Llinars Park
08450 - Llinars del Vallès
Barcelona
Tel.: +34 902 222 897
info.es@vwr.com

SWEDEN

VWR International AB
Esbogatan 16
164 74 Kista
Tel.: +46 08 621 34 20
Email: info.se@vwr.com

SWITZERLAND

VWR International GmbH
Lerzenstrasse 16/18
8953 Dietikon
Tel.: +41 (0) 44 745 13 13
info.ch@vwr.com

UK

VWR International Ltd
Customer Service Centre
Hunter Boulevard - Magna Park
Lutterworth
Leicestershire
LE17 4XN
Tel.: +44 (0) 800 22 33 44
uksales@vwr.com

CHINA

VWR (Shanghai) Co., Ltd
Bld.No.1, No.3728 Jinke Rd,
Pudong New District
Shanghai, 201203- China
Tel.: 400 821 8006
info_china@vwr.com

INDIA

Avantor Performance Materials
India Private Limited
19th Floor, Building No. 5, Tower C,
DLF Cyber City, Phase- III,
Gurugram - 122002, Haryana, India
Tel.: +91-124-4656700
csindia@avantorsciences.com

KOREA

Avantor Performance Materials Korea Ltd
2F ACE Gwanggyo Tower I, Daehak 4ro 17
Yeongtong-gu Suwon, Korea 16226
Tel.: +82 31 645 7256
saleskorea@avantorsciences.com

MIDDLE EAST & AFRICA

VWR International FZ-LLC
Office 203, DSP Lab Complex,
Dubai Science Park,
Dubai, United Arab Emirates
Tel.: +971 4 5573271
Info.mea@vwr.com

SINGAPORE

VWR Singapore Pte Ltd
The Metropolis
Tower 1, #05-03
9 North Buona Vista Drive
Singapore 138588
Tel.: +65 6505 0760
sales.sg@vwr.com

GO TO **VWR.COM** FOR THE LATEST NEWS, SPECIAL OFFERS AND DETAILS FROM YOUR LOCAL VWR SUPPORT TEAM