

VWR®

# Digital Rotary Evaporators

- 01. SUITABLE FOR EVAPORATION, DISTILLATION, AND SEPARATION OF CHEMICALS
- 02. TWO DIFFERENT CONFIGURATIONS TO FIT EVERY LABORATORY APPLICATION AND NEED
- 03. EXCELLENT DISTILLATION SOLUTIONS IN MANY LABORATORY APPLICATIONS



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

## 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  $\pm 1$  °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 cm<sup>2</sup> 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.

## 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 cm<sup>2</sup> 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	Cat. No.
LED Rotary Evaporator	76537-058
LED Rotary Evaporator with V17 Glassware Set	76533-234
LED Rotary Evaporator with V17C Glassware Set	76533-258
LED Rotary Evaporator with D16 Glassware Set	76533-260
LED Rotary Evaporator with V12 Glassware Set	76533-262

Description	Cat. No.
LCD Rotary Evaporator	76533-232
LCD Rotary Evaporator with V17 Glassware Set	76533-248
LCD Rotary Evaporator with V17C Glassware Set	76533-250
LCD Rotary Evaporator with D17 Glassware Set	76533-252
LCD Rotary Evaporator with V12 Glassware Set	76533-254

**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.

**avantor**<sup>™</sup>  
delivered by **vwr**<sup>™</sup>

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