

Single Water Distillation Unit



All-stainless-steel distiller that produces pure water for laboratories, medical facilities and industry.

Key features

High-quality construction

- Fully constructed from stainless steel (100%)
- High resistance to corrosion and chemical effects
- Hygienic design suitable for laboratory and medical use

Advanced protection system

- Automatic safety shutdown for the heating element in case of low water level
- Protects internal components and ensures safe operation

Automatic water level control

- Maintains stable and continuous operation
- Reduces manual intervention and improves efficiency

Reliable performance

- Efficient distillation process with consistent output quality
- Designed for continuous laboratory and industrial operation

Water output quality

Conductivity: ~2.2 $\mu\text{S}/\text{cm}$ at 25°C

pH range: 6.0 – 7.5 (ideal for laboratory and medical applications)

Technical advantages



- Advanced distillation technology for ultra-pure water
- Full safety protection with automatic shutdown system
- Compact and practical design for easy installation and operation
- Suitable for continuous and demanding applications

Applications

- Scientific laboratories (research & analysis)
- Hospitals and medical clinics (sterilization & instruments)
- Industrial processes requiring high-purity water



Models and specifications

Model	Output (L/h)	Dimensions (cm)	Control system	Material	Power (kW)	Heating elements	Internal tank capacity (L)	Conductivity	pH range
LDX-4W	4	23 × 23 × 60	Manual control + water level protection	100% stainless steel	3.5	—	—	~2.2 µS/cm at 25°C	6.0–7.5
LDX-6W	6	24 × 24 × 60	Manual control + water level protection	100% stainless steel	5.25	—	—	~2.2 µS/cm at 25°C	6.0–7.5
LDX-8W	8	26 × 26 × 60	Manual control + water level protection	100% stainless steel	7.0	—	—	~2.2 µS/cm at 25°C	6.0–7.5
LDX-10W	10	30 × 30 × 60	Manual control + water level protection	100% stainless steel	8.75	—	—	~2.2 µS/cm at 25°C	6.0–7.5
LDX-20W	20	30 × 30 × 60	Manual control + water level protection	100% stainless steel	17.5	—	—	~2.2 µS/cm at 25°C	6.0–7.5

Warranty

One-year comprehensive warranty on all devices · Two-year warranty against manufacturing defects · Maintenance contract after the warranty period