



Advanced filtration for the sustainable practice

The new generation "filtration system" for lens edgers

Global environmental concerns are rising, and demand for advanced lens waste disposal is increasing. The Lfu 220 Lens Dust Filtration Unit addresses this demand by incorporating a unique "hybrid system" that separates lens debris from water to drastically slash your total water consumption, all wrapped in a user-friendly, compact design. By aligning your business with modern environmental standards, you don't just satisfy eco-conscious patients; you directly increase the value and reputation of your practice.

■ User-friendly operation

Lens debris should be disposed of after processing approximately 100 lenses. Disposing of the processing waste is achieved by simply removing the settling bucket. The waste is condensed into a single solid mass which can keep the surroundings and operator's hands clean.

(Please follow local regulations when disposing)
of processing waste.



■ Uniquely developed "hybrid system"

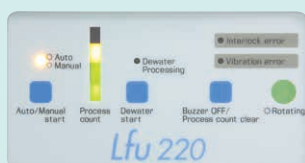
The Lfu 220 features a sophisticated "Hybrid System", combining a traditional filtration style with the latest centrifugal filtration method.

The advantages of both methods are applied to the lens finishing process, resulting in a separation of the draining process, which in turn maintains clean circulating water for an extended period of time.

■ Ergonomic design

The unit is equipped with useful notification functions. LED lights indicate the number of processed lenses and the amount of collected processing waste. A buzzer sound notifies the operator when lens debris disposal is necessary.

Easy operation is perfectly linked with NIDEK lens edgers. In addition, the unit features safety functions.



Lens Dust Filtration Unit Lfu 220



■ Compact design

The Lfu 220 can be stored inside any lens edger cabinet without occupying more space than the lens edger's footprint. The Lens Edger Deodorizer, LED-1, can be stored together with the Lfu 220.



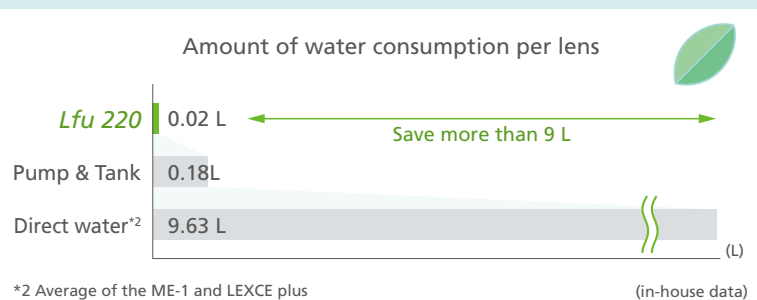
■ Water tank

Water in the unit needs to be replaced every 1,000 lens cycles.*1

*1 When processing glass lenses, water needs to be replaced more frequently.

■ Water conservation

Centrifugal filtration technology decreases water consumption significantly in the shop/lab. The use of cleansed water maintains high quality processing.



Lfu 220 specifications

System	Centrifugal Filtration System
Mode	Auto operation mode Manual operation mode
Waste collection capacity	Max. 2.7 L
Tank capacity	10.0 L*1
Filtration efficiency	85% (for reference)*2
Power supply	100 to 120 V AC / 230 V AC, 50/60 Hz
Power consumption	400 VA
Dimensions/mass	444 (W) x 357 (D) x 464 (H) mm / 24 kg 17.5 (W) x 14.1 (D) x 18.3 (H) in / 52.9 lb
Standard accessories	Processing unit connection cable, Processing unit connection hose, Waste bucket, Waste bucket removal jig, Round filter, Filtration bag, Exhaust nozzle, Stocking filter, Stocking filter holder
Optional accessories	Deodorizing enhancement kit

*1 Filled to maximum capacity
*2 Varies depending on lens materials and processing conditions



Product/model name: LENS DUST FILTRATION UNIT Lfu 220
Specifications and design are subject to change without notice.

