NIDEK

Lens dust Filtration Unit

Lfu 220

The Art of Eye Care

Caring about people and the environment

The new generation "Filtration System" for lens edgers

Nowadays, while environmental issues are concerned and attract great attention, the improvement of disposal method of lens edgers processing waste is strongly demanded. With NIDEK's own leading technology "Hybrid System" which separates the processing waste and water, a comfortable use, water consumption reduction and compact design are achieved. The policy of environmental awareness will even increase the impression of retail shops.

Newly Developed "Hybrid System"

The Lfu 220 features NIDEK original "Hybrid System" combined with centrifugal and filtration methods. By applying advantages of both methods, simultaneous dewatering processes are performed to maintain circulating water clean.

Ergonomic Design

Notification functions are available. LED lights indicate the number of processed lenses amount of collected processing waste and the disposing time is notified by a buzzer sound. Easy operation are perfectly linked with NIDEK lens edgers.
Safety functions are placed to each function.

Lens dust Filtration Unit Lfu 220

Comfortable Use

The processing waste should be disposed after normal processing of approximately 100 lenses. Disposing the processing waste is very easy work by just replacing it from its settled bucket. The processing waste is condensed into a single dewatered cake to be easily disposed, keeping the surroundings and operator's hands clean.

(Please follow the local regulations according to your belonging government when disposing processing waste.)

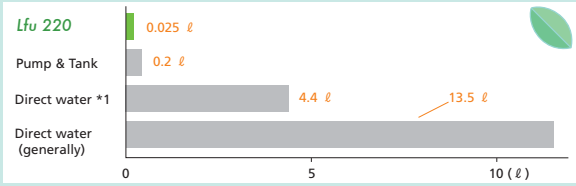
Compact Design

The Lfu 220 can be stored inside the exclusive lens edger table without occupying any space more than the lens edger uses. The lens edger deodorizer LED-200 option can also be stored together inside the table.

Water Conservation

A remarkably large amount of water consumption is saved compared to the former method, considering the nature environment and eco-friendly.
The use of chemical bubble deformer is unnecessary. Cooling water is kept clean to protect the processing lens from scratches and to keep the lens edger inner chamber clean.

Amount of water consumption per lens



*1) Lex 1000, Le 1000, ME-1000

(Value refering to company test results.)

Water Tank

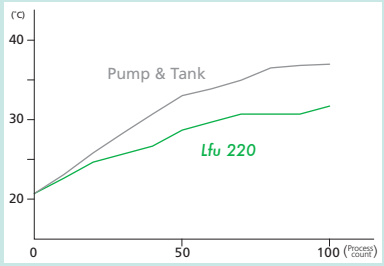
Replace the water after normal processing of 1,000 lenses per 10 liters. *2

*2)When processing glass lenses, replacement time of the water should be earlier than when normal processing.

Water Temperature Stability

While continuous lens processing, the water temperature is restrained as water flow has a cooling effect. This provides a reliable size accuracy and a stabilized finishing.

Water temperature when processing continuously



(Value refering to company test results.)

Lfu 220 Specifications

System	Centrifugal Filtration System	
Mode	Auto operation mode Manual operation mode	
Waste collection capacity	Max 2.7 liters	
Tank capacity	10.0 liters *1	
Filtration effciency	85% or more *2	
Power supply	AC 100 to 120 / 200 to 240 V (±10%), 50 / 60 Hz	
Power consumption	330 VA (Max)	
Dimensions / Weight	444 (W) x 357 (D) x 464 (H) mm / 24 kg or less 17.5(W) x 14.1(D) x 18.3 (H) " / 52.91 lbs.	
Standard accessories	Processing unit connection cable	1 set
	Processing unit connection hose	1 set
	Waste bucket	10 units
	Waste bucket removal jig	1 unit
	Round filter	5 units
	Filtration bag	1 unit
	Exhaust nozzle	1 unit
	Operator's manual	1 volume
	Installation manual	1 volume
Optional accessories	Connection kit *3	

Dimensions (mm)

*1 Filled up Max position.
*2 Depends on lens materials and process condition of edger.
*3 The contents differ depending on the lens edger to be connected.

All LCD images are simulated.
Specifications and design are subject to change without notice for improvement.

Eye & Health Care
NIDEK CO., LTD.

HEAD OFFICE
34-14 Maehama, Hiroishi
Gamagori, Aichi, 443-0038, Japan
Telephone : +81-533-67-6611
Facsimile : +81-533-67-6610
URL : http://www.nidek.co.jp
[Manufacturer]

TOKYO OFFICE
(International Div.)
3F Sumitomo Fudosan Hongo Bldg.,
3-22-5 Hongo, Bunkyo-ku, Tokyo,
113-0033, Japan
Telephone : +81-3-5844-2641
Facsimile : +81-3-5844-2642
URL : http://www.nidek.com

NIDEK INC.
47651 Westinghouse Drive
Fremont, CA 94539, U.S.A.
Telephone : +1-510-226-5700
: +1-800-223-9044 (US only)
Facsimile : +1-510-226-5750
URL : http://usa.nidek.com

NIDEK SOCIÉTÉ ANONYME
Europarc
13, rue Auguste Perret
94042 Créteil, France
Telephone : +33-1-49 80 97 97
Facsimile : +33-1-49 80 32 08
URL : http://www.nidek.fr

NIDEK TECHNOLOGIES SRL.
Via dell'Artigianato, 6 / A
35020 Albignasego (Padova), Italy
Telephone : +39 049 8629200 / 8626399
Facsimile : +39 049 8626824
URL : http://www.nidektechnologies.it

PRINTED WITH SOY INK