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BIOHIT
Innovating for Health

A single innovation
makes all the difference

eLINE®

Lite & Pro

Dispenser



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BIOHIT
Innovating for Health

eLINE® Lite & Pro Dispenser

eLINE Lite and Pro Dispensers hand you a familiar but unique approach to a new, more comfortable world of multiple dispensing

Better ergonomics
eLINE Pro and Lite Dispensers have fully electronic pipetting operations. The electronic tip ejection is unique. Both features help reduce the risk of RSI (Repetitive Strain Injury) in long pipetting series.

Wider volume selection
The electronic operation enables a much wider volume selection in multiple dispensing compared to mechanical steppers. For example with eLINE Lite and Pro it is possible to multiple dispense volumes like 1.4 µl or 62 µl, while the mechanical stepper only allows volumes like 60 µl, 70 µl, 80 µl, etc.

Contamination free dispensing
The positive displacement principle of the dispensers guarantees contamination free dispensing with infectious, toxic or radioactive liquids.

Accuracy and precision also with demanding liquids
eLINE Dispensers offer accurate and repetitive results also when dispensing problematic liquids such as viscous, high vapour pressure or foaming liquids. Both dispensers are ideal for oils, alcohols like ethanol, acetone, proteins, buffers, detergents, etc.

eLINE Dispenser is your most convenient and ergonomic choice.

eLINE Lite and eLINE Pro – what is the difference?

eLINE Lite Dispenser – easy programming for multi dispensing mode
eLINE Lite is designed for Multiple Dispensing (d) mode with the Tip Guide, and it is quick and simple to operate.

eLINE Pro Dispenser – for more versatile use
eLINE Pro offers, in addition to the basic Multiple Dispensing (d) mode, a comprehensive range of liquid handling protocols with easy programming.

Both Dispensers offer

- TipGuide – automatic guide for correct tip selection
- Outstanding ergonomics – dispensing with minimum force
- Unique electronic feather light tip ejection
- Contamination-free dispensing with positive displacement principle
- Volume range from 1 µl to 50 ml
- 5 speeds for aspiration and dispensing
- Direct charging option enabling dispensing while charging
- Compatibility with eLINE charging stand and carousel
- Compatibility with other dispenser tip brands

eLINE Lite & Pro Dispenser Operating Modes

Operating modes	eLINE Pro	eLINE Lite
Multiple Dispensing with the Tip Guide (d)	x	x
Multiple Dispensing (d)	x	
Pipetting (P)	x	
Diluting (dd)	x	
Sequential Dispensing (Sd)	x	
Automatic Multiple Dispensing (Ad)	x	
Multi-Aspirating (SA)	x	
Custom mode (CST) - GL (select service intervals) - Sr (select the desired tip range) - SET (returns default settings)	x	
5 speeds for aspirating and dispensing	x	x



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Save your time, let the TipGuide make the tip choice for you

- No time consuming volume calculations
- Just set the desired volume and number of dispensings, the TipGuide selects and displays the suitable tip size

Do you find it difficult to calculate the correct tip size for certain aliquot volumes when using conventional steppers or dispensers? You might often need tip selection tables or even calculators to find the best tip size? The built-in, automatic TipGuide saves your time and eliminates the possibility of an incorrect tip selection.



Unique electronic one-touch tip ejection

Clear LCD-display with charging indicator

Direct charging option with AC-adaptor with immediate dispensing possibility

Easy-to-use keypad enables fast programming

Electronic start button for all pipetting operations

Attractive ergonomic design

Both left- and right-handed operation

Easy & light tip insertion



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eLINE Dispenser Ordering details

Cat. No.	Item
73070X	Biohit eLINE Pro Dispenser
73080X	Biohit eLINE Lite Dispenser
730981	Biohit eLINE Charging Stand, with AC adaptor
730991	eLINE Charging Carousel for 4 pipettes, with AC adaptor
731001	eLINE replacement battery

X: 0 =Without AC-adaptor, 1 = With Universal AC-adaptor (incl. Euro, US/Jpn, UK and China plugs)
Biohit has several worldwide patents and patents pending for its products.



Biohit Dispenser Tips

For the best possible performance it is recommended to use the original Biohit Dispenser Tips.

- Function according to positive displacement principle
- Contamination free dispensing - no aerosols are formed
- Made of virgin polypropylene (tip) and polyethylene (plunger)
- DNase, RNase, ATP and Pyrogen (Endotoxin) free
- Suitable for use together with Biohit eLINE Pro, eLINE Lite and Biohit Mechanical Stepper, as well as most other mechanical steppers

Biohit Dispenser Tips Ordering details and performance specifications

Cat. No.	Tip volume (ml)	Type	Volume min/max(µl)	Increment (µl)	Number of dispensings min/max	Qty/ Unit	Test Volume (µl)	Inacc. (%)	impr. (%)
792017 792026	0.1	Non Sterile Pre-sterilised	1/100	0.2	1/100	100	10 100	1.00 % 1.00 %	2.00 % 0.50 %
792018 792027	0.2	Non Sterile Pre-sterilised	2/200	0.4	1/100	100	20 200	1.70 % 1.00 %	2.50 % 0.50 %
792019 792028	0.5	Non Sterile Pre-sterilised	5/500	1	1/100	100	50 500	1.00 % 0.80 %	3.00 % 0.60 %
792020 792029	1.0	Non Sterile Pre-sterilised	10/1000	2	1/100	100	100 1000	0.50 % 0.50 %	0.60 % 0.20 %
792021 792030	2.5	Non Sterile Pre-sterilised	25/2500	5	1/100	100	250 2500	0.60 % 0.60 %	0.40 % 0.20 %
792022 792031	5.0	Non Sterile Pre-sterilised	50/5000	10	1/100	100	500 5000	0.60 % 0.60 %	0.50 % 0.15 %
792023 792032	10.0	Non Sterile Pre-sterilised	100/10 000	20	1/100	100	1000 10000	0.40 % 0.40 %	1.00 % 0.20 %
792024 792033	25.0	Non Sterile* Pre-sterilised*	500/25 000	50	1/50	25	2500 25000	0.50 % 0.50 %	0.50 % 0.15 %
792025 792034	50.0	Non Sterile* Pre-sterilised*	1000/50 000	100	1/50	25	5000 50000	0.30 % 0.30 %	0.70 % 0.15 %
792036	Adapter for 25 and 50 ml tips, 3pcs/unit								
792038	Dispenser Tips Starter Kit includes: - 0.5 ml/20 pcs - 1.0 ml/20 pcs - 2.5 ml/20 pcs - 5.0 ml/20 pcs - 10.0 ml/20 pcs								



DNase • Endotoxin Free • RNase • ATP

CE
IVD

* Includes adapter/unit

The performance specifications apply to the eLINE Dispenser and Biohit Dispenser Tip system.
Due to Biohits continuous R&D, specifications may change without prior notice

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