LabRobot

DILUCUP® SYSTEM

PRODUCT CATALOGUE

2026



LabRobot Products AB
Stenungsund, Sweden

www.labrobot.com

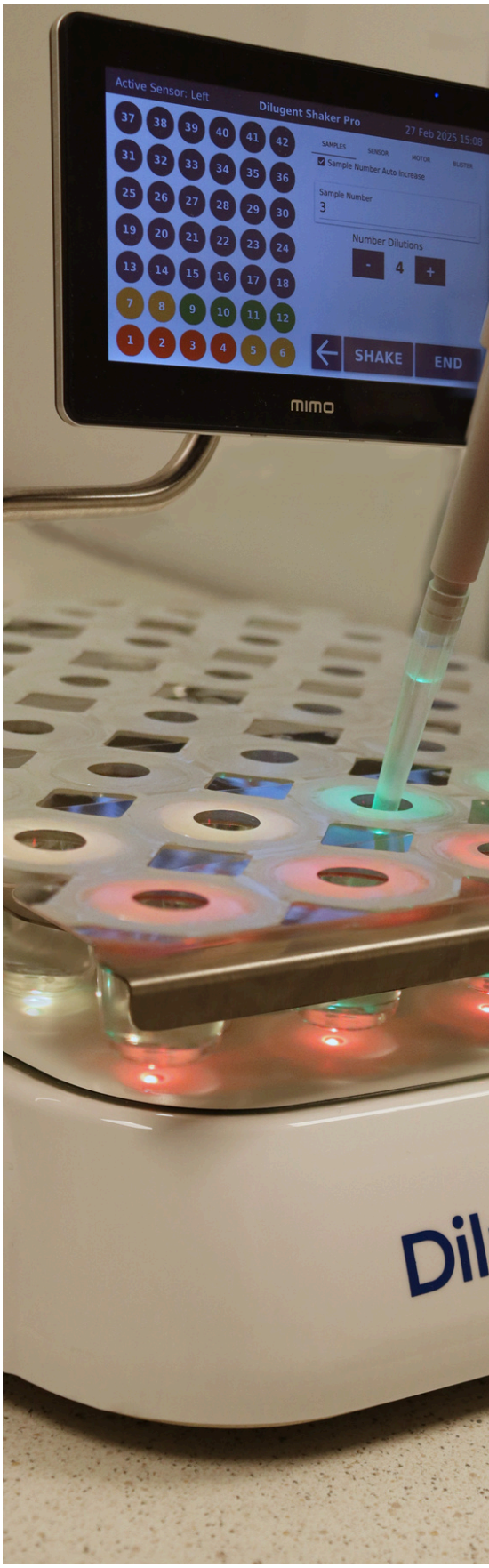
SEMI-AUTOMATED SERIAL DILUTIONS

Standardized dilutions

- Same shaking parameters (speed, time)
- Complies with ISO standards
- Less variability between users and laboratories

Save time

- Ready-to-use dilution cups
- Save preparation, calibration and QC time
- Save half the time per dilution compared to dilution tubes





Prevent work injuries

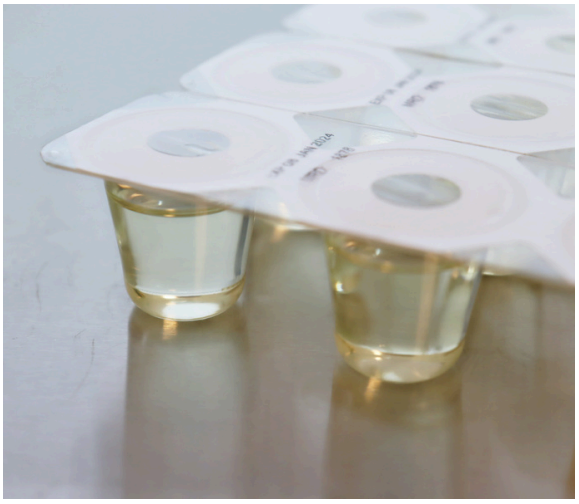
- The use of the vortex is eliminated, thus preventing repetitive strain injuries
- Comfortable to pipette

Cost-effective

- Fewer hours spent by the user
- Save resources
- Save storage space

Dilucup® Elegance

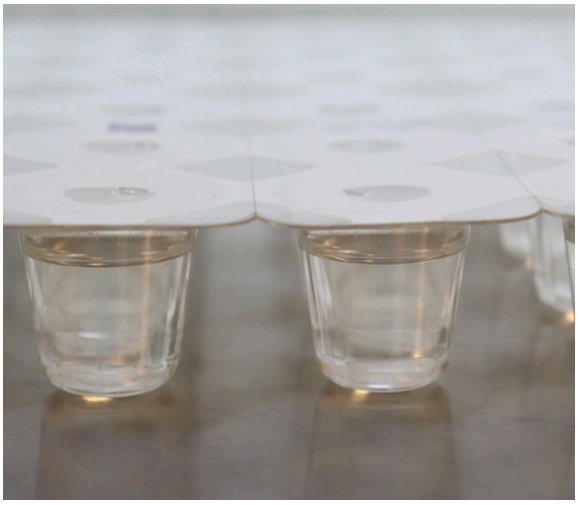
- Ready-to-use sterile dilution cups
- Highly accurate diluent volumes (9 mL ± 0,5 %)
- pH = 7,0 ± 0,2 *(does not apply to DW)*
- Long shelf life of 30 months at room temperature
- QR code for traceability
- Quantity per box: 672 Dilucups divided in 2 separated bags



Dilucup® Elegance MRD
(Maximum Recovery Diluent)

Buffered solution including
1 g/L peptones, 8,5 g/L NaCl

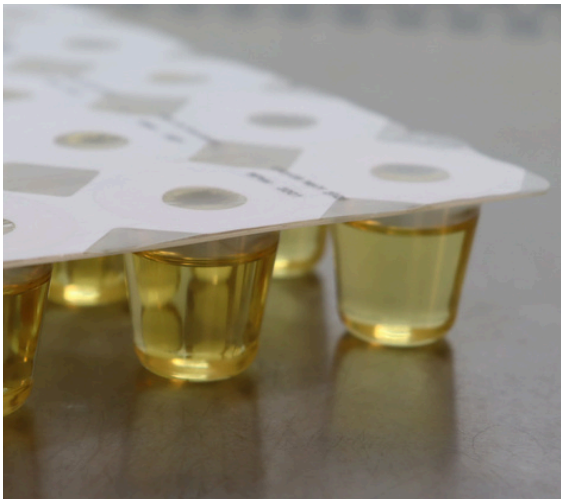
40DEMRD3: blisters of 3x7 Dilucups
40DEMRD6: blisters of 6x7 Dilucups



Dilucup® Elegance NACL
(Saline solution)

Buffered solution including
8,5 g/L NaCl

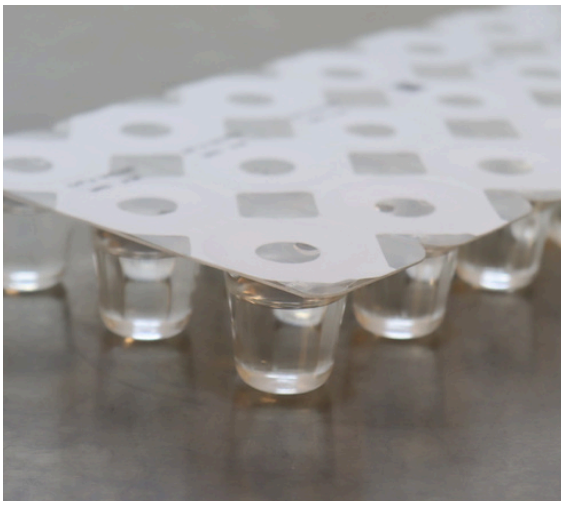
40DENACL3: blisters of 3x7 Dilucups
40DENACL6: blisters of 6x7 Dilucups



Dilucup® Elegance BPW
(Buffered Peptone Water)

Buffered solution including
10 g/L peptones, 5 g/L NaCl

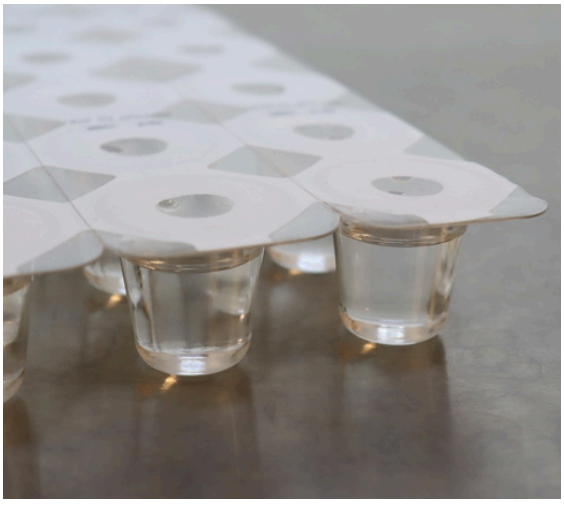
40DEBPW3: blisters of 3x7 Dilucups
40DEBPW6: blisters of 6x7 Dilucups



Dilucup® Elegance EP
(Eau peptonée / Peptone Water)

Buffered solution including
0,1% peptone

40DEEP3: blisters of 3x7 Dilucups
40DEEP6: blisters of 6x7 Dilucups



Dilucup® Elegance DW
(Deionized Water)

Deionized water
Conductivity: less than 10 µS/cm

40DEDW3: blisters of 3x7 Dilucups
40DEDW6: blisters of 6x7 Dilucups

Dilugent® Shaker

- 42 LED lights guide the user during serial dilutions with 3 different colours
- Activation of agitation by one of the 2 optical sensors or a footswitch
- Removable magnetic tray for easy cleaning
- 2D code reading with external scanner
- Shaking speeds: 410, 460, 510, 560, 610, 660 rpm
- Shaking time: 1 to 60 s
- Dilutions per sample: 1 - 12
- Dimensions: 38 cm x 30 cm x 8 cm
- For blisters of 3x7 or 6x7 Dilucups
- 7” touch screen
- Weight: 5,1 kg
- 3 software versions



Dilugent® Shaker *Light* - 40DGT84LT

- Use of external scanner and traceability not available
- 2 program templates can be stored

Dilugent® Shaker (standard) - 40DGT84SD

- Traceability of dilutions and export of information to USB memory
- 2D code reading with external scanner
- 10 program templates can be stored

Dilugent® Shaker *Pro* – 40DGT84PO

- Same as standard version + advanced programming
- Customizable interface and LED light colours
- Possible connection to LIMS

SOFTWARE UPGRADES:

40UPG011: *Light* → standard
40UPG080: standard → *Pro*
40UPG205: *Light* → *Pro*

ACCESSORIES:

40FS02: Footswitch to activate shaking instead of using one of the optical sensors
40PS85: Power supply 12V
40SC04: Scanner for traceability





Dilushaker III *digital*

- 3 LED lights guide the user during serial dilutions
- Activation of agitation by the optical sensor or a footswtich
- Adjustable direction of the ramp to suit both right- and left-handed users
- Removable tray for easy cleaning
- Shaking speeds: 400, 500, 600 rpm
- Shaking time: 1 to 30 s
- Dilutions per sample: 1 - 12
- For blisters of 3x7 Dilucups
- Dimensions: 19 cm x 34,5 cm x 11,5 cm
- Weight: 5,0 kg
- Article number: **40DS21PRXT**



ACCESSORIES:

40FS02: Footswitch

40ET21XT: Removable tray for 21 Dilucups

40PS12: Power supply 12V

Contact

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