

DILUCUPTM ELEGANCE & DILUGENT

A SEMI-AUTOMATED
SERIAL DILUTION SYSTEM

avantorTM
delivered by **VWR**TM

VWR.COM



Dilucup
ELEGANCE

Introducing the Diligent® Shaker

Our newest evolution in serial dilution technology brings automation and traceability into your serial dilution process like never before!

The **large 7" touch screen** allows the user to clearly and easily understand where they are in their dilution series, minimizing user error. The new Diligent® Shaker also allows the lab to **create user templates**, either for each tech or for the different testing programs. With the development of the Diligent® Shaker line of laboratory quality instruments, we can even **associate your process to your LIMS system** for the ultimate step forward in traceability.

Reduce variation from tech to tech and standardize your serial dilution results!

Features	Diligent [®] Shaker Light	Diligent [®] Shaker Standard	Diligent [®] Shaker PRO
Supports foot switch (not included)	●	●	●
Selectable working direction (from left to right)	●	●	●
Up to 10 templates can be stored	●	●	●
Visual "service required" information	●	●	●
Service menu	●	●	●
Error Codes	●	●	●
Can be configured to support bar code readers		●	●
Active well displayed on touch screen		●	●
Sample identification		●	●
User identification		●	●
Dilucup batch identification		●	●
Export USB		●	●
Advanced programming			●
Full Traceability of Operations - Export to connected unit			●
Step ahead without shaking for doing replicates			●
Customizable interface colors			●
Customizable LED colors			●
Full connectivity (LIMS interface not included)			●



**Schedule a demo for
your lab today!**

Dilugent[®] Shaker

by LabRobot

Precision and speed at your fingertips! The first device for easy, safe, and traceable serial dilution processing!

The Dilugent[®] Shaker uses orbital rotation to ensure each dilution is thoroughly vortexed. It is activated by either an hands-free optical sensor or the optional foot pedal. The 42 LED indicators light each cup, letting you easily see what dilution well you are in.

Features:

- Dimensions: 38cm x 29.5cm x 5cm
- Export data to USB
- Full connectivity to LIMS (*Dilugent Pro only*)
- Can create and store testing templates, ensuring standardization of method
- Bar code reading (*Dilugent and Dilugent Pro only*)
- Able to record sample ID and user ID (*Dilugent and Dilugent Pro only*)

Easy as 1, 2, 3!

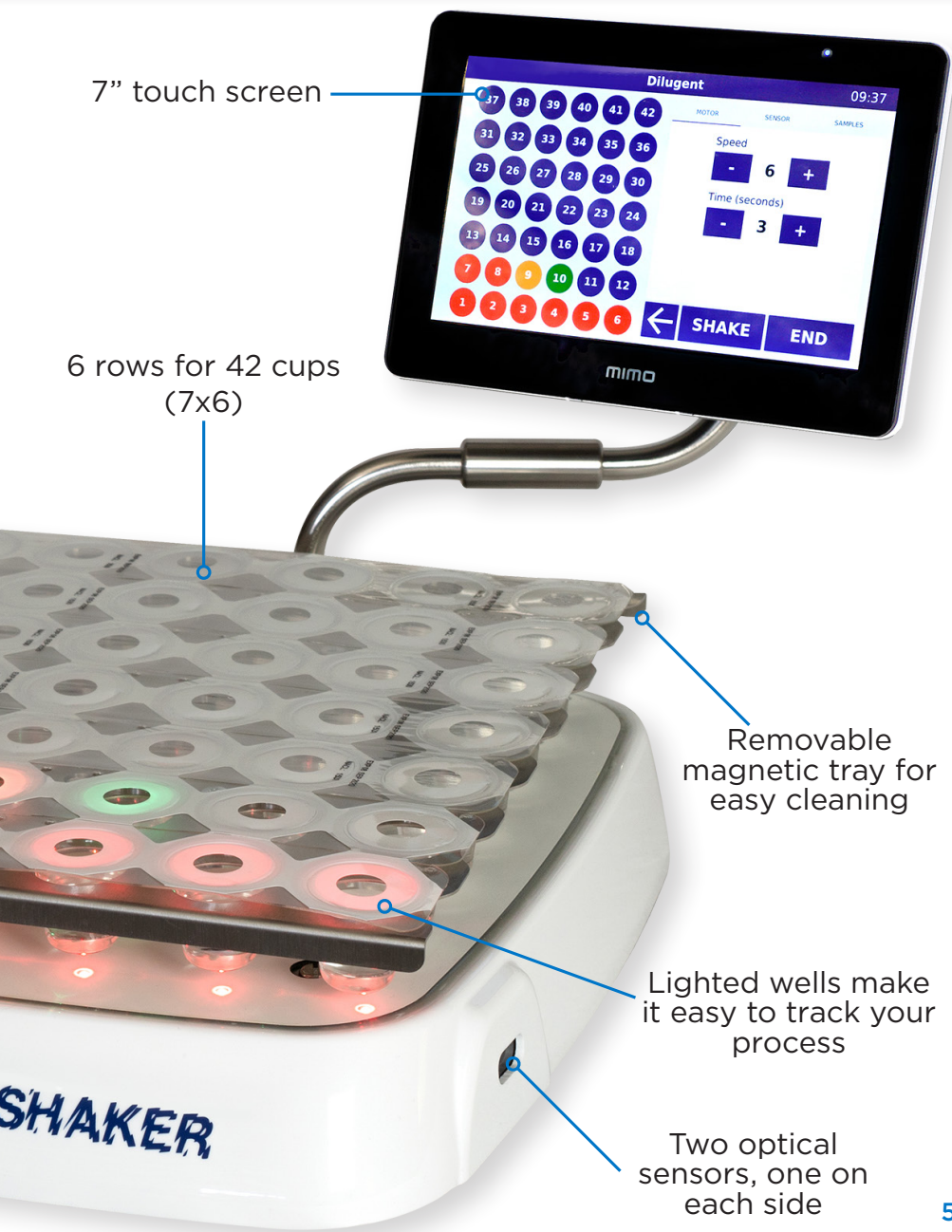
1. Simply add 1ml sample to the first Dilucup Elegance[™].

2. Start the shaker by waving your hand in front of the motion sensor. When the Dilugent[®] Shaker stops, the next dilution is ready.

3. Collect 1ml from the first cup and release it into the second cup and start the shaker again. Continue this until the final dilution is reached.



Bring your serial dilution process into the future with the first traceable system.



Diligent[®] Shaker

by LabRobot

Diligent[®] Shaker is
available in three models*

Diligent[®] Shaker Light

VWR. Cat. No.

All of the ergonomic design improvements with a lighter software package.

76468-912

Diligent[®] Shaker Standard Version

Cat. no.

Our standard version includes functions that allow the user to track data using a USB memory stick.

76468-916

Diligent[®] Shaker Pro

Cat. no.

This format makes it possible to connect LIMS and advanced programming. Especially for those who work with duplicates or triplicates or have other traceability needs.

76468-914



Accessories

76468-928

Scanner

75860-396

Footswitch

76468-930

Transport suitcase for Diligent® Shaker

*12v Power supply cable included with all models



75860-396



76468-928



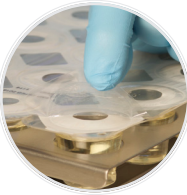
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DilucupTM Serial Dilution System

DilucupTM saves time and money compared to preparing your own dilution vials!



Easy peel-off film



Sterile,
pre-filled diluent



Compact for
efficient storage



Dilucup Elegance MRD (Maximum Recovery Diluent)

75860-406	Max Recovery Diluent, dilution blank, 9ml fill, ready-to-use cups, 672 (2 x 16 x 21) total cups with 3 cups/row
75860-408	Max Recovery Diluent, dilution blank, 9ml fill, ready-to-use cups, 672 (2 x 8 x 42) total cups with 6 cups/row

Dilucup Elegance BPW (Buffered Peptone Water)

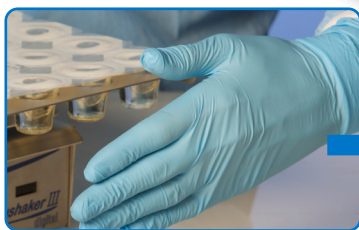
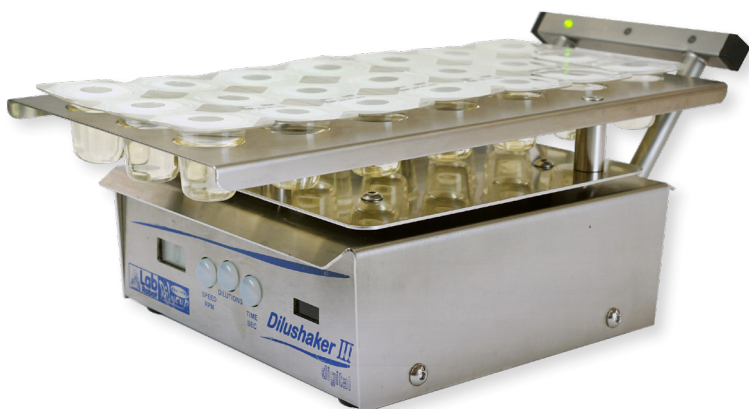
75860-416	Buffered Peptone Water, dilution blank, 9ml fill, ready-to-use cups, 672 (2 x 16 x 21) total cups with 3 cups/row
75860-418	Dilucup TM , Buffered Peptone Water, dilution blank, 9ml fill, ready-to-use cups, 672 (2 x 8 x 42) total cups with 6 cups/row

Dilucup Elegance NaCl, 0.85%

75860-412	NaCl with buffer, dilution blank, 9ml fill, ready-to-use cups, 672 (2 x 16 x 21) total cups with 3 cups/row
75860-414	NaCl with buffer, dilution blank, 9ml fill, ready-to-use cups, 672 (2 x 8 x 42) total cups with 6 cups/row

Dilushaker III

The Dilushaker™ III is an orbital shaker that vortexes each diluent the same way, every time, with no spill over!



Easy Hands-free activation or foot switch activation



The Dilushaker™III is an orbital shaker that vortexes each diluent the same way, every time.

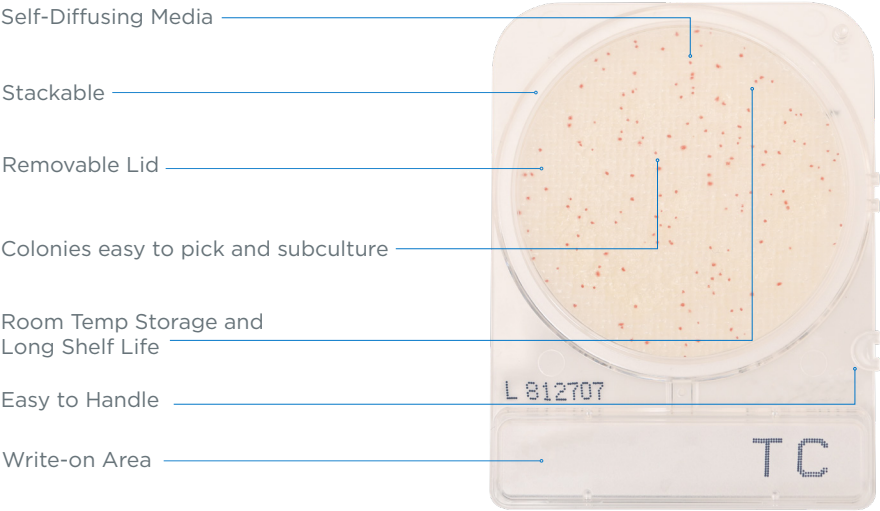
- Adjustable vortex time from 1 to 15 seconds per dilution step
- Adjustable rotation speed (400, 500 or 600 rpm)
- Removable tray for easy cleaning
- Ramp with LED lights to guide the user
- Adjustable direction of the ramp to suit both right- and left-handed users
- Adjustable number of dilution steps per sample
- Can be activated by foot switch or hands-free optical sensor
- Includes extractable tray for 21 cups (7x3)

75860-388

3 rows w/LED indicators, includes extractable tray for 21 cups (3 x 6)
Machine dimension: 7.25" W x 13" D x 4.25" H

CompactDry™

The CompactDry™ plate line presents a variety of organism-specific or total count tests, in a space-saving and sturdy cassette with lid.



Compact Dry™ TC Total Count

For total aerobic viable bacterial count. Growing colonies will appear red.

240/pk76414-994

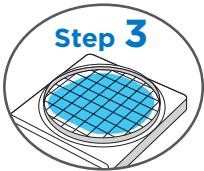
Procedure:



Step 1
Remove protective cap from CompactDry™ plate.



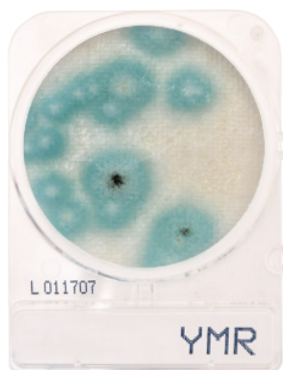
Step 2
Drop 1ml of specimen (dilute if necessary) in the middle of dry sheet.



Step 3
Specimen diffuses automatically into the plate, transforming the dry medium to gel.

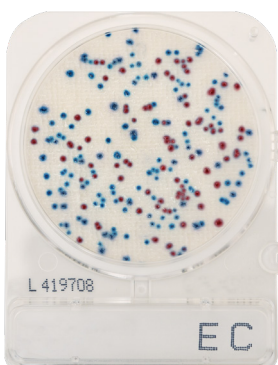


Step 4
Attach the cap, and incubate for prescribed time. Count the number of colonies on a light box.



Compact Dry™ YMR Yeast and Mold Rapid

For the isolation and enumeration of yeast and mold. Yeast colonies will appear blue, and molds will form cottony colonies with characteristic colors.
240/pk 76415-000



Compact Dry™ EC *E. coli* and Coliforms

For the isolation and enumeration of coliforms and *E. Coli*. Coliform colonies will appear red, and *E. coli* colonies will appear blue.
240/pk 76414-990



Compact Dry™ ETB *Enterobacteriaceae*

For the isolation and enumeration of *Enterobacteriaceae* that will appear magenta in color.
100/pk 10753-986

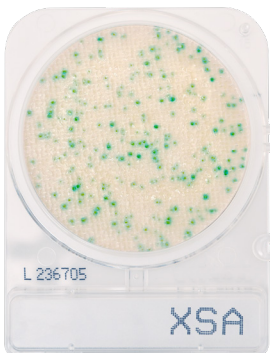
Compact Dry™ YM Yeast and Mold

240/pk 76414-998



Compact Dry™ SL *Salmonella*

For the presumptive identification of *Salmonella* spp. Growing colonies will appear green or blue-green with black centers.
240/pk 76414-992



Compact Dry™ XSA *Staphylococcus aureus*

For the selective growth, enumeration, and differentiation of *Staphylococcus aureus*. Growing colonies will appear blue green.
240/pk 10145-970



Compact Dry™ LS *Listeria*

For the selective growth, presumptive identification, and enumeration of *Listeria* spp. Growing colonies will appear blue.
100/pk 10789-408



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