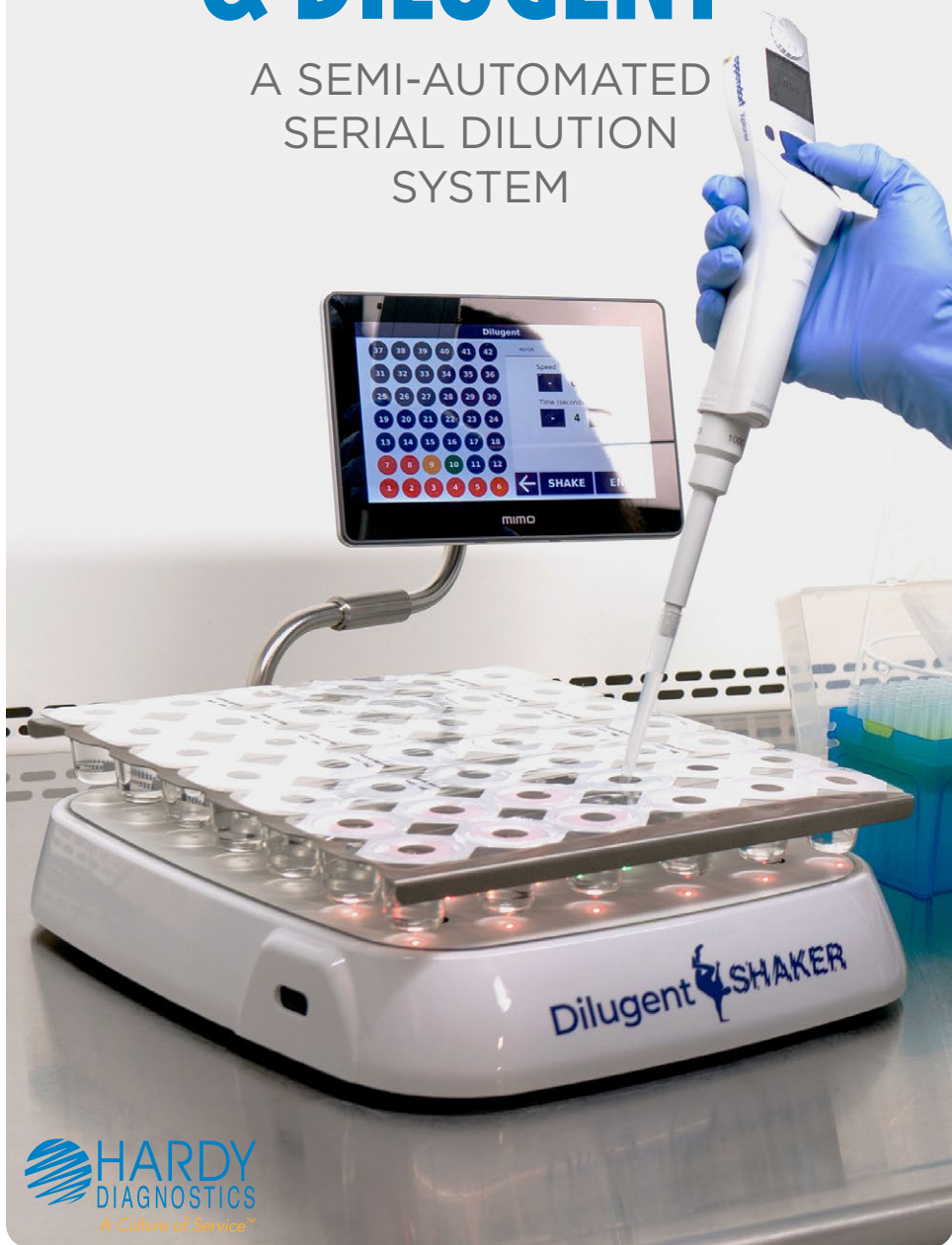


DILUCUP[®] ELEGANCE & DILUGENT[®]

A SEMI-AUTOMATED
SERIAL DILUTION
SYSTEM



DILUCUP® ELEGANCE & DILUGENT

A SEMI-AUTOMATED SERIAL DILUTION SYSTEM

Contents

- | | | | |
|---|----------------------------------|----|---------------------------|
| 3 | Introducing the Diligent® Shaker | 9 | CompactDry™ |
| 4 | Diligent® Shaker Features | 12 | Wizard CompactDry™ Reader |
| 7 | Accessories | 14 | Pipettes & Pipette Tips |
| 8 | Dilucup® Elegance | | |

HARDY DIAGNOSTICS is the
EXCLUSIVE DISTRIBUTOR in the **UNITED
STATES** for the **REVOLUTIONARY
ELEGANCE™ SYSTEM.**

INNOVATION

The only system to offer both traceability and automation.



COST SAVING

It would take 72 pallets of a competitor's product to match the number of testing units available with only 5 pallets of Dilucup™.



COMPACT SIZE

Machine takes up a very small bench top footprint.
Dimensions: 38cm x 29.5cm x 5cm



SAVE TIME

Reduces technician labor time and cost; allows them to reallocate saved time to other activities.



EASY-TO-USE

When comparing the number of touches required, competitor vials require 7 touches vs. 3 touches for Dilucup®.



DEPENDABLE

The Dilucup® System ensures consistent results, even when used by different technicians.



PREVENT INJURIES

The Diligent® Shaker eliminates repetitive motion concerns; great from an employee and Human Resources perspective.





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!**

Diligent  SHAKER

Diligent® Shaker

by LabRobot

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

The Diligent® 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 (Diligent® Pro only)
- Can create and store testing templates, ensuring standardization of method
- Bar code reading (Diligent® and Diligent® Pro only)
- Able to record sample ID and user ID (Diligent® and Diligent® Pro only)

Diligent® Shaker Light

Cat. no.

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

40DGT84LT

Diligent® Shaker Standard Version

Cat. no.

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

40DGT84SD

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.

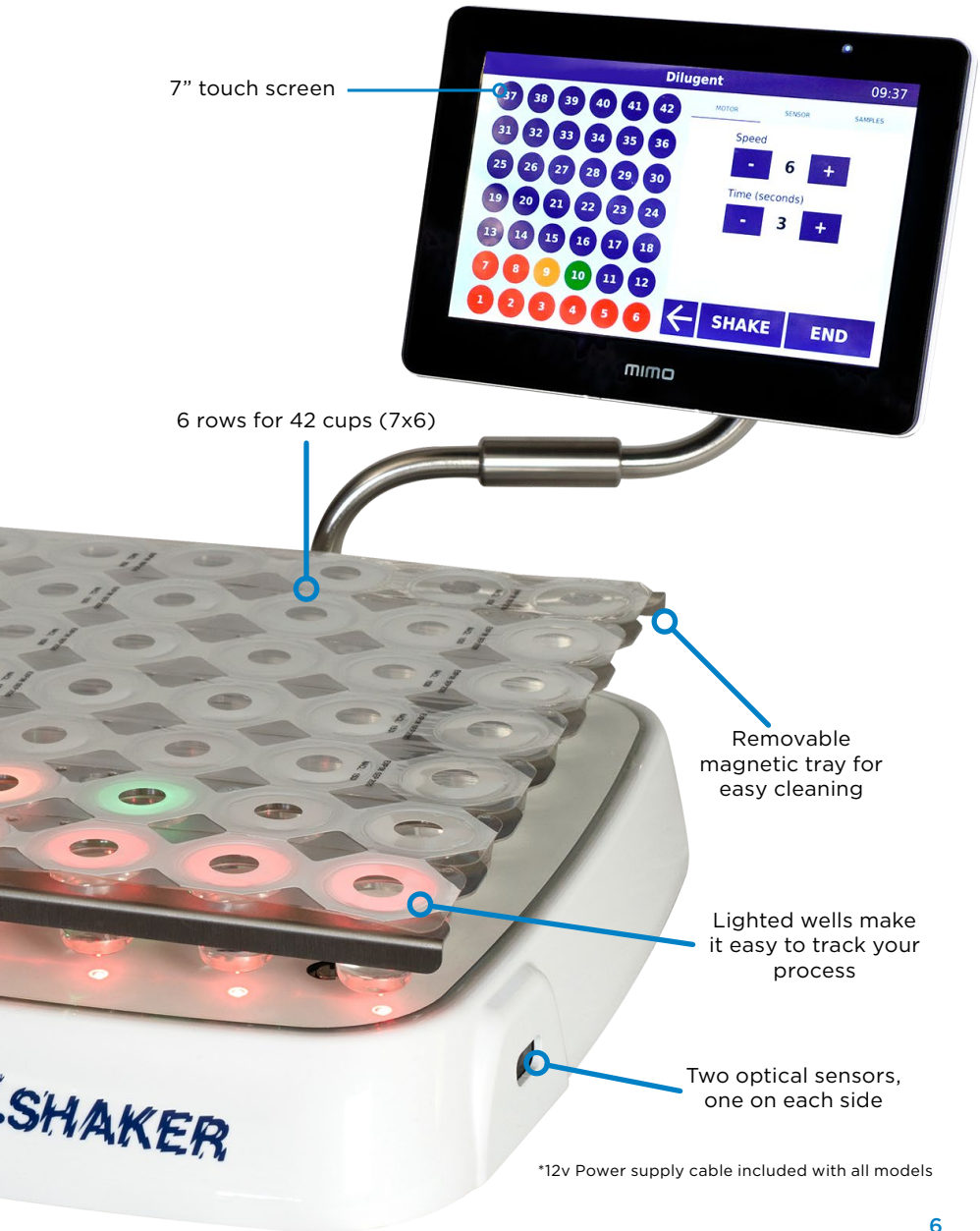
40DGT84PO

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 Diligent® 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 Accessories



Scanner

Optional bar code scanner.

Each

40SC04

Footswitch

Optional foot switch, for hands-free operation of the Diligent® Shaker.

Each

40FS02



Transport Case for Diligent® Shaker

A durable, shippable container with custom designed foam inserts meant to protect Diligent® Shaker units during transport. Features two wheels and trolley handle.

Each

40TC6700

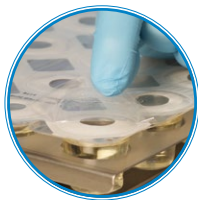
Dilucup[®] Elegance

Serial Dilution System

Dilucup[®] 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)

Cat. no.

Dilution blank, 9ml fill, ready-to-use cups, 672 (2 x 8 x 42)
total cups with 6 cups/row

40DEM RD6

Dilucup[®] Elegance BPW (Buffered Peptone Water)

Cat. no.

Dilution blank, 9ml fill, ready-to-use cups, 672 (2 x 8 x 42)
total cups with 6 cups/row

40DEBPW6

Dilucup[®] Elegance Butterfield's Phosphate Buffer

Cat. no.

Dilution blank, 9ml fill, ready-to-use cups, 672 (2 x 8 x 42)
total cups with 6 cups/row

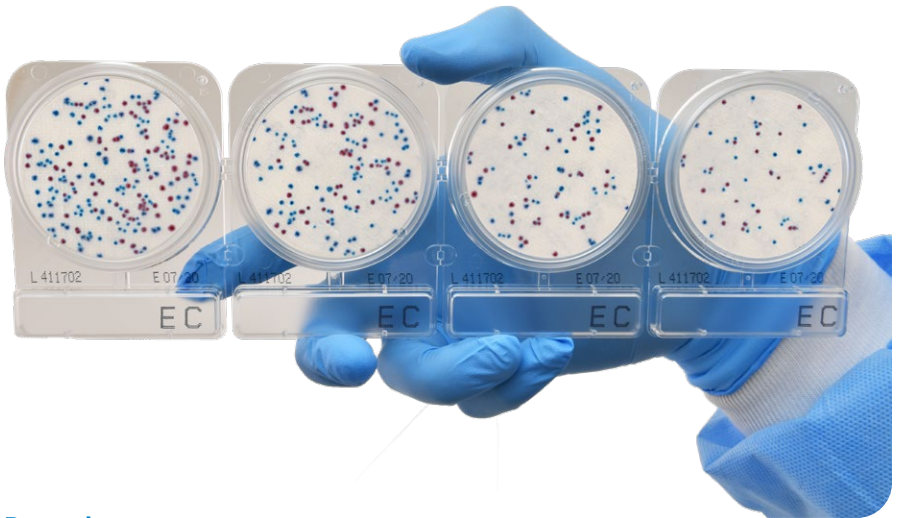
40DEBFD6

CompactDry™

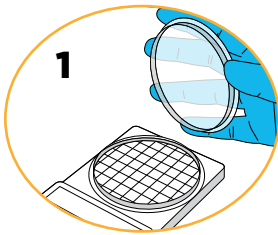
There is always a better way.

The CompactDry™ plate line presents a variety of organism-specific or total count tests, packaged nicely in a sophisticated and sturdy cassette.

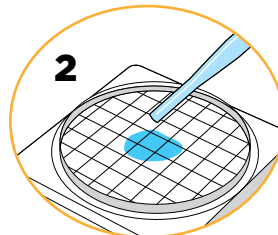
The benefits are easy to spot.



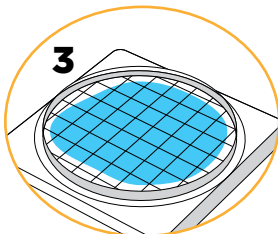
Procedure:



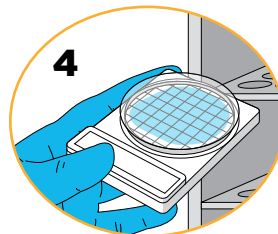
1 Remove protective lid from CompactDry™ plate.



2 Drop 1ml of sample (dilute if necessary) in the middle of dry media.



3 Sample diffuses automatically, transforming the dry medium to gel.



4 Re-cap and incubate for prescribed time. Count the number of colonies manually or on the new Wizard™ CompactDry™ Reader, Cat. no. CDR2.



**CompactDry™ TC
Total Count**

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

240/pk 54081



**CompactDry™ 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 54082



**CompactDry™ YM
Yeast and Mold**

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 54083



**CompactDry™ YMR
Yeast and Mold Rapid**

For the isolation and enumeration of yeast and mold with results in as little as 72 hours. Yeast colonies will appear blue, and molds will form cottony colonies with characteristic colors.

240/pk 54084



**CompactDry™ TCR
Total Count Rapid**

For total aerobic viable bacterial count with enumerated results in as little as 24 hours. Growing colonies will appear red.

240/pk 54088



**CompactDry™ X-SA
*Staphylococcus aureus***

For the selective growth, enumeration, and differentiation of *Staphylococcus aureus*.

240/pk 54086



CompactDry™ ETB
Enterobacteriaceae

For the isolation and enumeration of *Enterobacteriaceae* that will appear magenta in color. Genera of *Enterobacteriaceae* consists of: *Citrobacter*, *Enterobacter*, *Escherichia*, *Klebsiella*, *Morganella*, *Proteus*, *Salmonella*, *Serratia*, *Shigella*, *Yersinia* and more.

100/pk ETB100
1,400/pk 54055



CompactDry™ CF
Coliforms

For the detection of coliforms. Coliforms grow with blue/blue green colonies as the recipe contains the chromogenic enzyme substrate X-GAL. The growth of bacteria other than coliforms is mainly inhibited but in case of growth they form colorless colonies.

240/pk 54053



CompactDry™ PA
Pseudomonas aeruginosa

Recommended for the enumeration of *Pseudomonas aeruginosa* in food samples, feedstuffs, water, cosmetics, and beverages, or material samples from related industries.

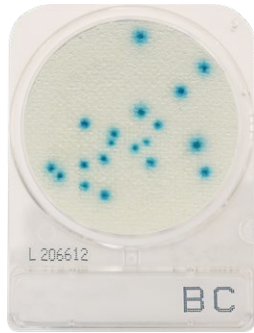
100/pk PA100



CompactDry™ SL
Salmonella

Growing colonies will appear green or blue-green with or without black centers in a yellow background.

240/pk 54085



CompactDry™ BC
Bacillus cereus

For the presumptive detection of *Bacillus cereus* in raw materials, finished products, or on environmental surfaces pertaining to food and other related industries.

240/pk XBC100



CompactDry™ LS
Listeria

For the selective growth, presumptive identification, and enumeration of *Listeria* spp. Growing colonies will appear blue.

100/pk LS100

The Wizard™

CompactDry™ Reader

The **Wizard CompactDry™ Reader**, a small instrument that will make a big impact on reducing the time spent counting colonies by hand.



Cat. no. CDR2

Easy-to-use: Flip the switch, select your configuration, insert your CompactDry™ plate(s), select read, and save your results! See how fast that was?

Designed exclusively for CompactDry™

The Wizard™


CompactDry™ Reader

Consistency where it counts

The Wizard™ brings precise colony counts to each and every set of plates, eliminating the risk of human error and inconsistency.

Your colony count in seconds

Save technician hours on this simple and tedious task to maximize your throughput possibilities.



BOOST

TC (Total Count)

1) Total Count = 49

Total Count = 49

READ

SAVE

EDIT

MENU

+/-

Simple implementation

Easy-to-understand instructions make for simple Standard Operating Procedures, allowing you to easily train your team and begin utilizing automation for your colony counts.

Compliance made easy

Make data compliance easy in any lab with several ways to save your test results. Transfer to LIMS software, save directly to USB, or print your data.

Pipettes

The most sophisticated and ergonomic pipettes ever!

Picus® Electronic Pipette

- Uniquely lightweight and compact design maximizes user convenience
- Conveniently located, one-touch operating-button and feather-light electronic tip ejection help minimize muscle strain
- Electronic piston control and brake ensure accurate, user-independent pipetting results
- Unique plate tracker increases reliability in microwell plate dispensing
- The comprehensive selection of pipetting modes lets you perform a number of different liquid handling tasks quickly and easily
- Specifications: 1 channel, 0.5µl-10ml



Each

735111

Tacta® Mechanical Pipette

- Optiject soft tip ejection loosens tips smoothly and in a controlled way
- Optilock's dual-function volume locking prevents accidental volume changes
- Calibration adjustment ensures accurate results, also in cases where factory calibration does not apply, for example when pipetting viscous liquids
- Ergonomic design for comfortable pipetting
- Low pipetting cycle forces to reduce WRULD (Work Related Upper Limb Disorder) risk
- Precise results due to ergonomic design
- Optiload, the spring-loaded tip cone, guarantees perfect tip loading and sealing with minimum force
- Quick and easy cleaning of the pipette with only three removable parts
- Four-digit volume display helps to set exact volumes
- Specifications: 1 channel, 1µl-10ml



Each

LH729090

Pipette Tips

Globe Scientific Universal Pipette Tips

Tips by Globe Scientific fit all of the commonly used pipettors; such as Sartorius®, Centaur®, Pipetman®, Eppendorf®, MLA®, Ames®, Gilson®, Oxford®, Oxford® Slimline®, and Clay Adams Selectapette.

Made from prime virgin polypropylene, tips provide high accuracy and reproducibility for effective laboratory testing. The tips are available in bulk or autoclavable racks.

- Specifications: Blue, 101-1,000µl

1,000/case

151146





HARDY DIAGNOSTICS

A Culture of Service™

40
MORE THAN  Years of
Bringing You
A Culture of Service

 **100%**
Employee Owned

MADE IN **USA**

ESTABLISHED
1980

 Hardy Diagnostics
donates 1% of each
sale to charity.

 **ISO**
13485
Medical Devices
Quality
Management

FM 572526

Hardy Diagnostics has a Quality Management System that is certified to ISO 13485 and is a FDA licensed medical device manufacturer.

Headquarters

1430 West McCoy Lane
Santa Maria, CA 93455
800.266.2222
Sales@HardyDiagnostics.com
HardyDiagnostics.com

Distribution Centers

Santa Maria, California
Olympia, Washington
Salt Lake City, Utah
Phoenix, Arizona
Dallas, Texas
Springboro, Ohio
Lake City, Florida
Albany, New York
Raleigh, North Carolina



PREMIER®

Contract # PP-LA-640 | **Contracted Supplier**



Contract Holder

Contract # 47QSWA22D0077