APS One

|The only one|all in one|

Automated
Pourer Stacker

BIOMÉRIEUX

• Level Plates
• Homogenity
• Sterility

The new patented filling and distribution system ensures maximum reliability and quality, level plate production, even for low volume plates. (90 or 55 mm plates)

Integrated plate cooling system reduces the solidification time as well as condensation.

To avoid contamination, the patented filling system closes the plate immediately after filling under UV light.

For 90 mm or 55 mm plates
You can easily fit the optional 55 mm plate filling kit within 3 min.

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A NEW STANDARD OF PETRI DISHES QUALITY
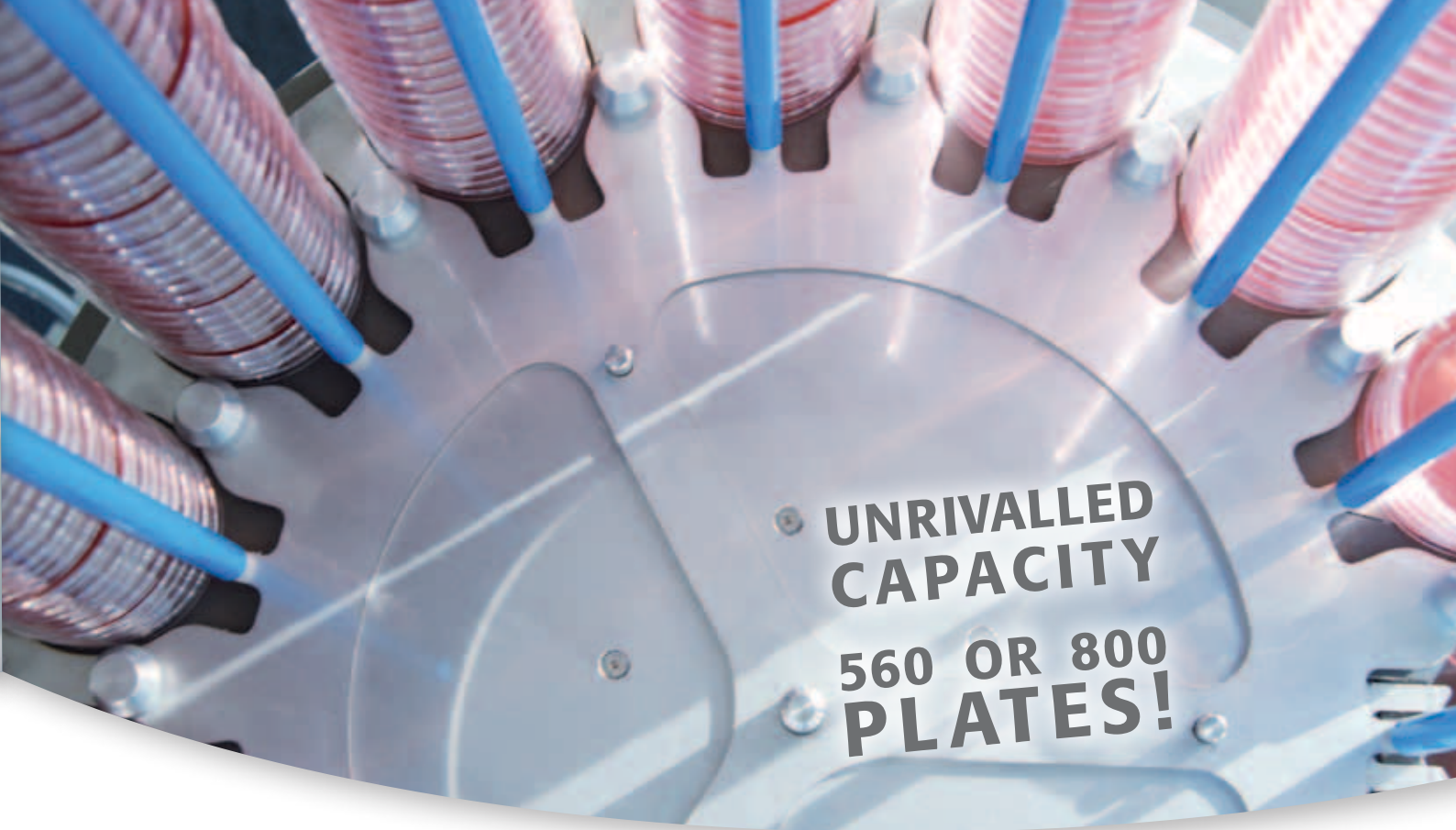
■ State-Of-The-Art Technology

Reduce costs! Perfect plate quality, even for low agar filling volume.

Produce high quality blood or chocolate agar (optional in-line blood addition pump kit available).

PATENTED
New concept

UNRIVALLED CAPACITY

560 OR 800 PLATES!

■ The New Generation Technology

• Capacity 10 Litres of Agar

The carousel can hold 560 plates as standard, i. e. more than 10 litres of Agar can be poured without reloading the carousel (18ml/plate).
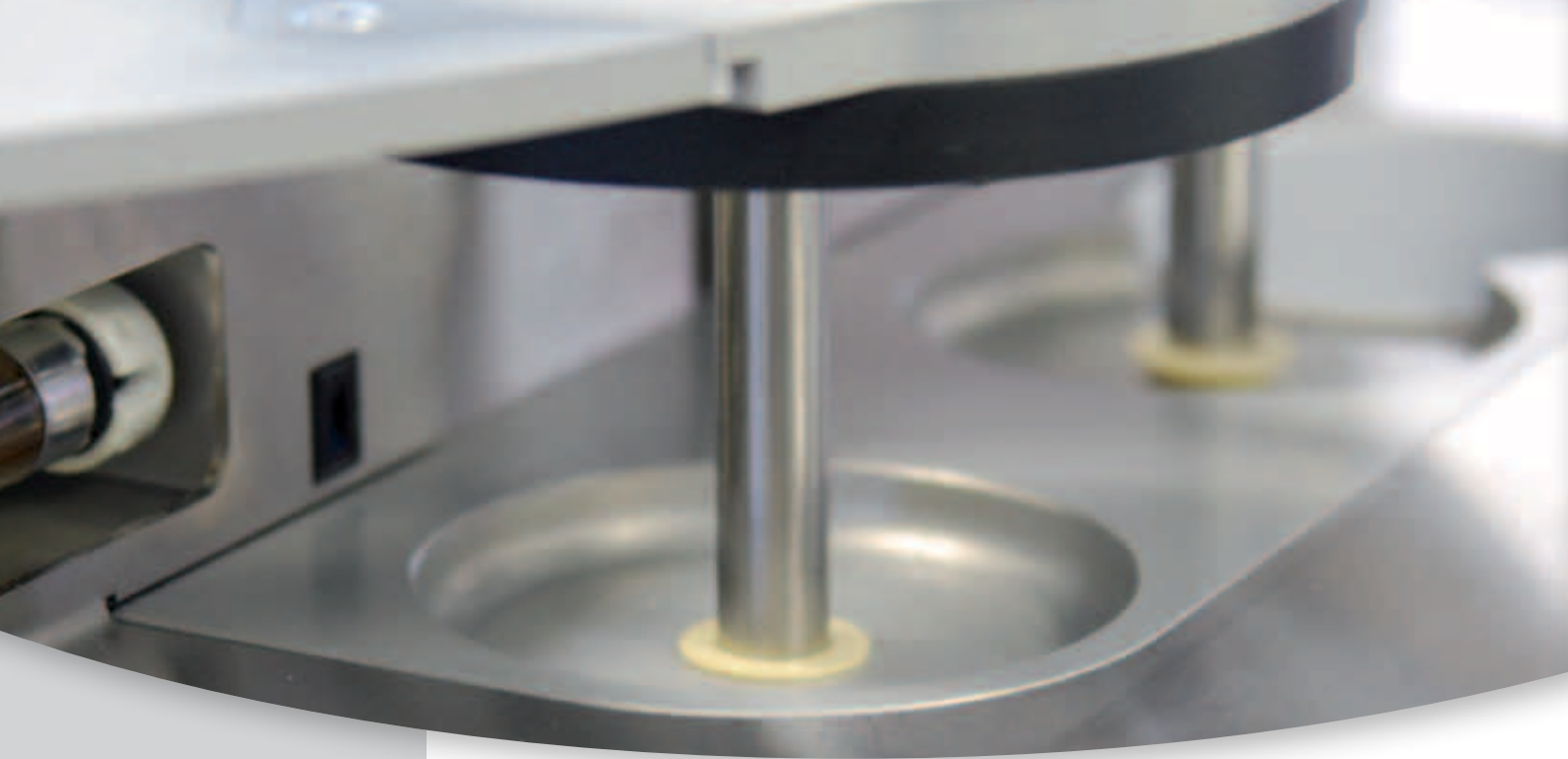
APS One is a true walk-away high-throughput automation system.

■ Fast Filling Rate

• Need High Productivity?

The optional TURBO Kit enhances the filling rate while keeping the outstanding plate pouring quality. The twin pump head kit kit can be mounted in seconds without any tools.

Efficient Cleaning made EASY

Access to the work surface by just taking off the shuttle and cover (no tool required).
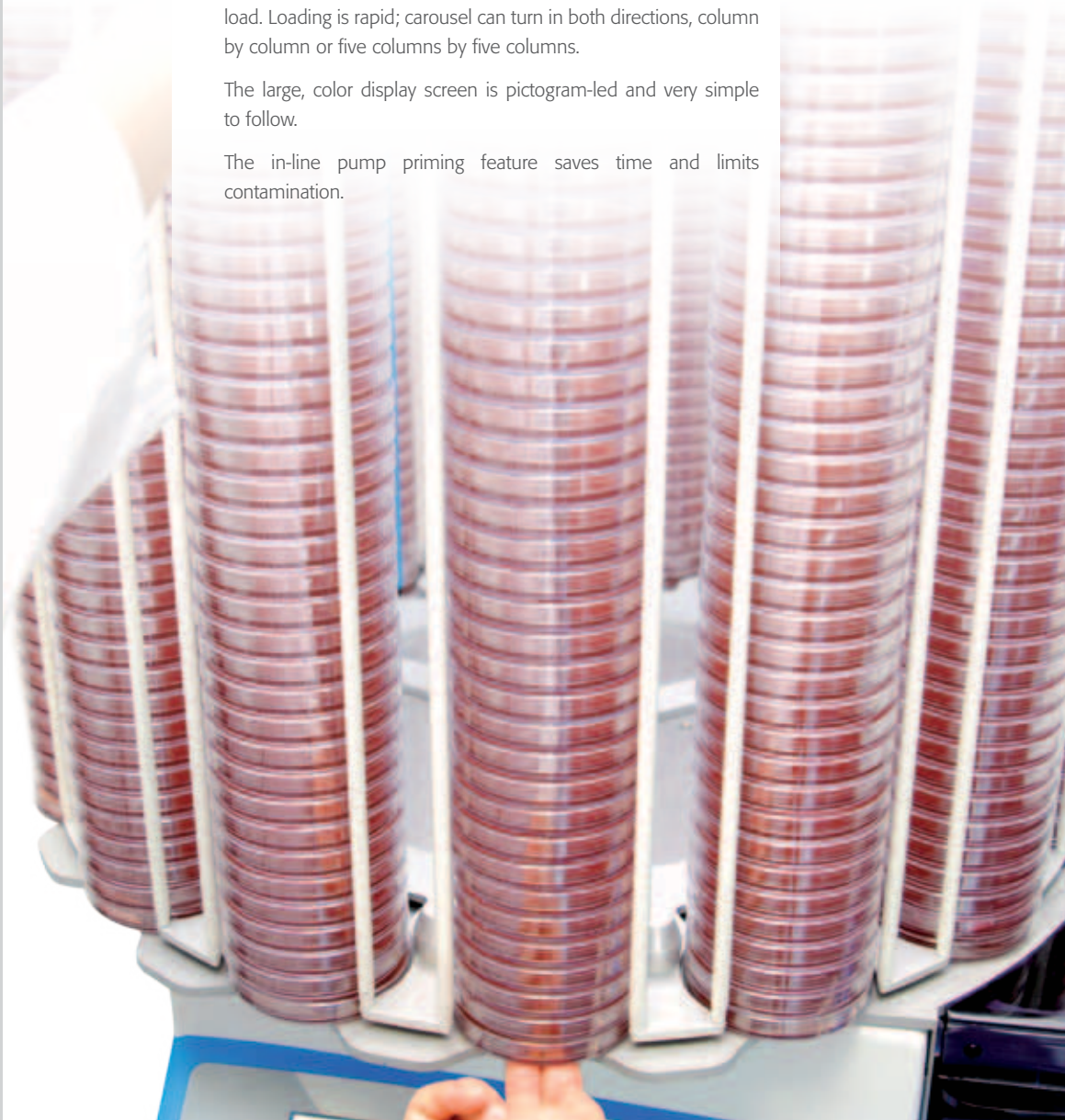A special cleaning program mode let you pilot the pistons in a total secure way.

■ Ease-of-Use in Smallest Details

Due to its compact size, APS One is very easy for all technicians to load. Loading is rapid; carousel can turn in both directions, column by column or five columns by five columns.

The large, color display screen is pictogram-led and very simple to follow.

The in-line pump priming feature saves time and limits contamination.

Loading & unloading the carousel

Loading :
Supply the free columns then use the pad
to turn the carousel. Leave at least one column empty.

Unloading :
Unload the columns of full dishes then use the pad
to turn the carousel.

Waiting...

| 1 column | 5 columns | Main screen |

Step 3/4 - Dispensing

Number of remaining dishes: **479 / 483**

Remaining estimated time :   ...

Remaining volume of agar :
- Pump 1   **7185 ml**

DISPENSING...

| Pause | Traceability |

Select program to run :

Delete   Programs screen
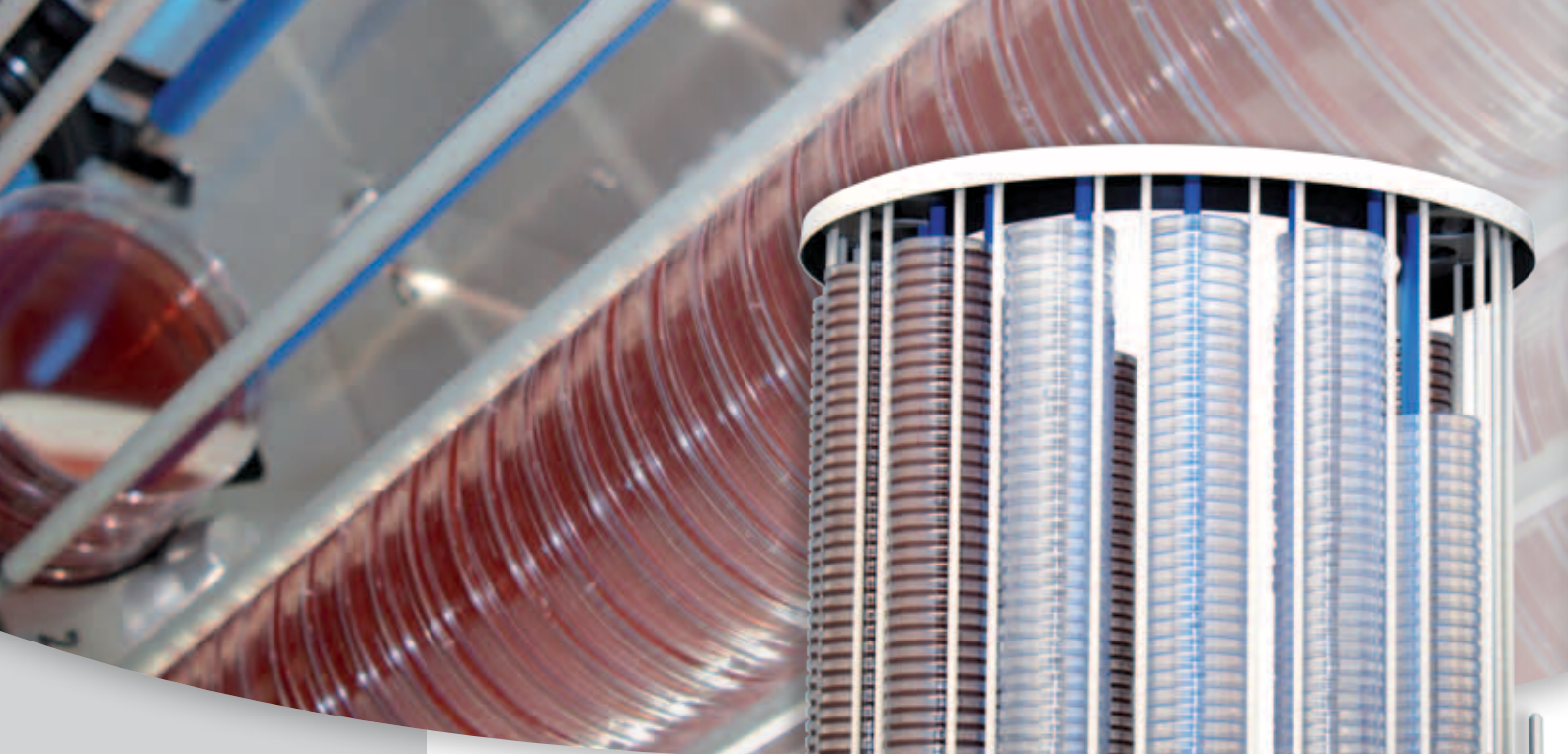
APS One

A   B   C   D

AES

■ Pictogram-led Display!

- Large, color display screen is pictogram-led and is very simple to follow.

- PC-based interface can be driven through the integrated keypad or with external mouse.

- Total traceability and documentation.

- Storage capacity for 20 different programs.

- Ethernet and USB port. Direct external printer connection.

IOIOI   SPARE

FOOT SWITCH

ALARM

INKJET

PUMP

Flexibility

APS One lets you change the 55 mm plate carousel to the 90 mm plate carousel in less than three minutes!

APS One with 560
55 mm plate carousel

◼ Compact and Versatile!

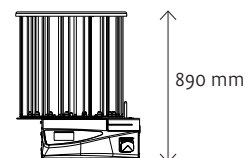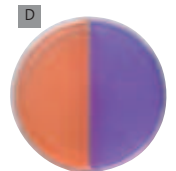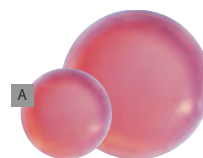The patented Agar dispensing system has advantages such as:

- Reduced plate opening time **to limit contamination risk**
- Extreme compact size for its capacity, APS One is only 89 cm tall!
- Dimensions 89 cm H x 72 cm W x 64 cm D

A: APS One **can use most plastic plate brands.** An optional kit allows you use your APS One to fill 55 mm plates.

B: The optional ink jet printer ensures total traceability on the side of the bottom of the plate and lets you print useful information on 90 mm as well as 55 mm plates.

C: The ingenious ink jet printer mounting saves place on the bench.

D: Quality bi-plates can also be produced with the optional kit.

890 mm

APS One with 560 plate carousel
(55 mm or 90 mm)

Committed to Customer Satisfaction

From Design

At bioMérieux, quality goes beyond product specifications to defining the policies and objectives which shape our company. Each process and procedure is clearly defined, from design to production and logistics. Exceding customer expectations and continuous improvement are at the core of our objectives. Thus, the Company's Quality Assurance system is ISO 9001: 2000 certified.

Each APS One has an IP address and an Ethernet interface enabling remote software updates.

Before…

Profit from our experience in the industrial production of ready-to-use culture media to optimize your own poured media preparation. Our teams study your needs to propose the best production solutions.

…And After Installation

Achieve production under Quality Assurance (guidance and training available), Installation & maintenance, on-site follow up, assistance and training of your technicians.

Specifications

Capacity: 560 plates - 800 plates (option)

Plates/hour: 90 mm

Volume	12 ml	14 ml	18 ml
Standard	780	700	650
Turbo mode		900	850

Plates/hour: 55 mm

Volume	9 ml
Standard	800

Dispensing volume: 1 to 50 ml

Plates cooling system: standard (integrated)

Peristaltic pump: easy loading type

Multilingual graphic screen: English, Spanish, German, Italian and French pre-installed, all other languages can be imported by the user

20 programs can be stored in internal memory

Integrated keypad or **USB mouse driven** (order mouse separately)

Traceability recordings on USB key (order key separately)

Ethernet port

UV lamp with user protection (plexiglas cover)

Detection of faulty plates

Pump dispensing mode to fill tubes or flasks…

Connection for external pump (PM05)

Dimensions: H 890 x W 720 x D 640 mm

Weight: 60 kg

Packing : H 385 x W 808 x D 1795
and H 690 x W 760 x D 760 mm/ 70 kg / 2 boxes

Power: 115-230 V +/- 10% 50/60 Hz

Ordering Information

AESAP1085	**APS One Automated Pourer Stacker fitted for 90 mm plates,** comes with:
	560 plate carousel
	2 shuttles for plates lids 91-92 mm and 92-93 mm
	User manual, control certificate and warranty certificate
	Power connection cable type CE22 / european plug
	2 tubing kits for 90 mm plates (AESMN8530)
	1 tubing kit for tubes and flasks (AESPM0029)
	4 priming plastic cups (included in AESMN8054)

Kits and options for AESAP1085

AESMN8501	Option for 55 mm plates (to be ordered with AESAP1085)
AESMN8500	Kit for 55 mm plates (for separate delivery, requires APS One adjustment by field service engineer)
AESPP0046	TURBO kit (850 plates per hour at 18 ml/plate)
AESMN8533	Tubing set for TURBO kit
AESMN8508B	Kit for bi-plate production
AESMN8530	90 mm plate tubing set (w/o priming nozzle)
AESMN8507	Kit for high plates (17.5 to 24 mm)

AESAP1086	**APS One Automated Pourer Stacker fitted for 55 mm plates,** like AESAP1085 but comes complete with a shuttle for 55 mm plates

Kits and option for AESAP1086

AESMN8502	Kit for 90 mm plates (may require APS One adjustment)
AESAP1086	55 mm plate tubing set (w/o priming nozzle)

Kits and options for AESAP1085 and AESAP1086

AESMN8509	Mountig kit for inkjet printer Linx 4900 (Kits for Domino A100 printers upon request)
AESLM0029	External printer for APS One
AESLM0037	Labels for printer
AESMA108509	IQ/OQ file

EXPERIENCE: THERE IS NO SUBSTITUTE!

Our Automated Systems Are Designed, Tested and Validated in an Industrial Petri Dish Manufacturing Environment. This Means that by purchasing our Equipment, you are benefiting from Invaluable Industrial And Laboratory Experience.

Proof of this is that many Other Manufacturers of Ready-To-Use Culture Media Actually Use AES Laboratoire Equipment!

Masterclave® Culture Media Preparators

1 to 9 L
5 to 28 L
10 to 60 L

Reliable Equipment Since 1980

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