POLYWEL UP!®

NEW GENERATION TUBES AND BOTTLES FILLER

StepUpYourLab

2025

ALLIANCE
BIO EXPERTISE

1

Prepare the media

Diluent & Agar

MEDIAWEL®

Compliant with :

ISO 11133 | ISO 7218 | GMP

ISO 7218 - 5.7.1 : *A media preparator is primarily designed for the sterilization of large volumes of media (>1L). It consists of a heating vessel, a water jacket, and a continuous agitation device [...] and is equipped with a thermometer, a pressure gauge, a timer, and a safety valve [...] with a safety lock to prevent opening above 80°C.*

2

Dispense the media

Diluent & Agar

DISTRIWEL® - POLYWEL® - DOSYWEL® - DILUWEL®

UPGRADE YOUR DOSYWEL UP!

Need to scale up your production?

Boost efficiency with automated media dispensing :

Simply plug your DOSYWEL UP! to the POLYWEL UP!

PLUG & PLAY

POLYWEL UP®

AUTOMATED TUBES AND BOTTLES FILLER

High performances :

- Capacity : more than 1000 tubes *(ø18mm) or 40 bottles (1L - ø 100mm)*
- Fills 1000 tubes in 30 minutes *(9ml tubes)*
- Accuracy : 98%
- Adapted to all types of containers (tubes, bottles, jars...)
- Unlimited programs

Ergonomic :

- Autoclavable racks
- Light indicators
- Easy cleaning

Adaptable :

- Use your own racks
- Different distribution nozzles available :

ø 1.6mm - ø 3.2mm - ø 6.4mm - ø 8mm

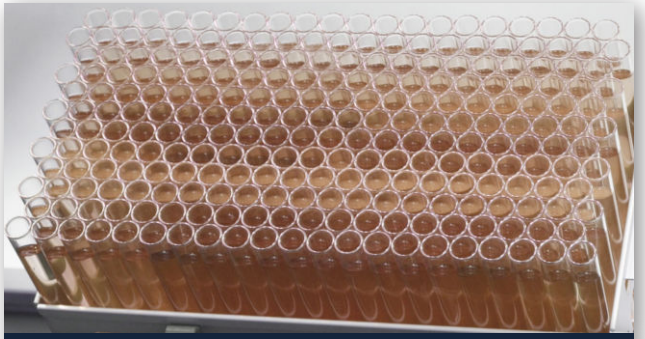
ACCURACY → SPEED

ISO 7218

ISO 11133

1 YEAR WARRANTY

CE

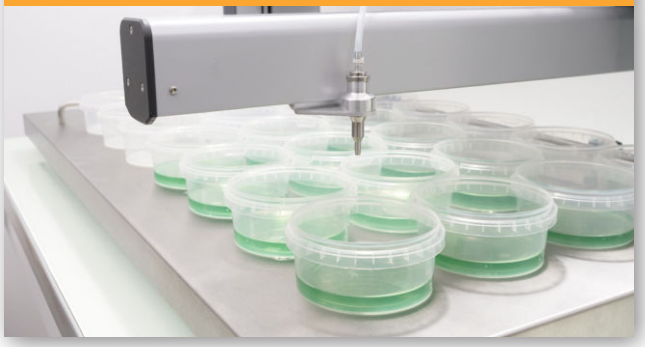


Enhanced productivity

Fills 1000 tubes in 30 minutes in stand-alone mode.
Full walkaway device

Adaptable

The automated arm height is adjustable and will adapt to different container sizes



Precise distribution

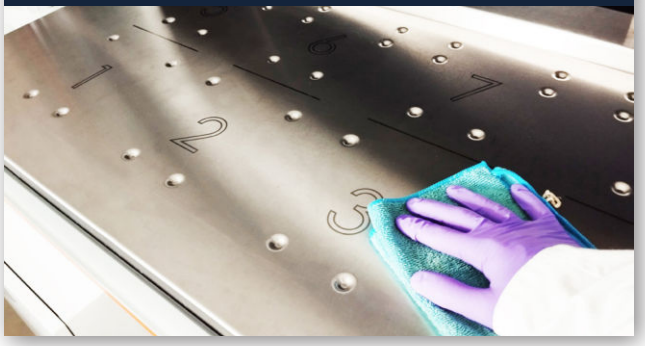
Dispense with an accuracy of 98% thanks to the device's calibration

High-quality racks

Take advantage of autoclavable racks to be loaded directly from its original package

Easy cleaning

The surface of the device is made of stainless steel, which is easy to clean



Light indicators

Be easily informed of the end of the cycle with the flashing lights on the sides of the device

Delivered with :

POLYWEL UP! - Ref : POLW1201
User manual, power chord, set of tubing 3.2 mm with dispensing nozzle (POLW2008), Large Rack (POLW2002)

POLYWEL UP! + DOSYWEL UP! BUNDLE - Ref : POLW1201D
POLYWEL UP! (POLW1201), User manual, power chord, set of tubing 3.2 mm with dispensing nozzle (DOSW2003)

TECHNICAL DATA SHEET

Dispensing volume	From 1 to 9999.9ml
Adujstable speed	5 - 100% / 10-450 rpm
Dispensing time for 1000 tubes (9ml)	30 minutes
Tubes per rack (∅18mm)	Large rack : 250 Small rack : 120
Number of programs	Unlimited
Tubing diameters	1.6 mm / 3.2 mm / 6.4 mm / 8mm
Flow rate	1.2 L/min maximum (in POLYWEL UP mode)
Calibration	At the beginning of a cycle and/or after a selected number of doses
Maximum size of containers	Height : 223 mm
External dimensions of racks (L x W x H)	**Large rack :** 440mm x 220mm x 110 mm / **Small rack :** 240mm x 220mm x110mm
Internal dimensions of racks (L x W)	**Large rack :** 390mm x 195mm / **Small rack :** 190mm x 190mm
Dimensions POLYWEL UP! (L x W x H)	1150mm x 605mm x 620mm
Power supply POLYWEL UP!	120 - 240V (± 10 %) 50 - 60 Hz / 120W
Power supply DOSYWEL UP!	120 - 240V (± 10 %) 50 - 60 Hz / 120W
Warranty	1 year
Country of origin	France - European Union

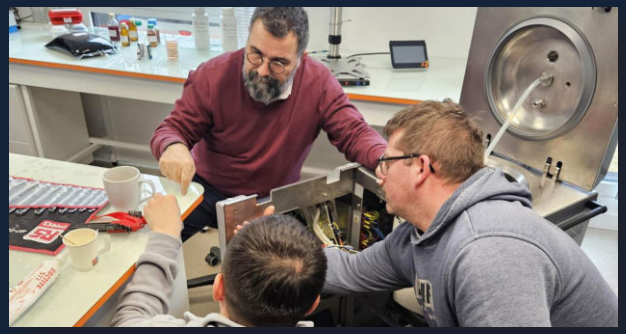
POLYWEL UP!®

TECHNICAL SUPPORT

- **Manufacturer's experience :** you benefit of the A.B.E. team's experience, 20 years in servicing automated laboratory equipment, with a multilingual competence !

- **Local network expertise :** your local distributor is a member of our exclusive network. Our partners were intensely trained at our premises in France but also abroad, in Europe, Asia, Africa, Middle East, and Americas. Our worldwide distributors are carefully selected for their service approach and their customer focus.

- **Availability & reactivity :** our team is reachable by email, zoom and telephone. Are you on the other side of the world ? We will do all it takes to bring you the expertise you need rapidly, and above all, relevantly !



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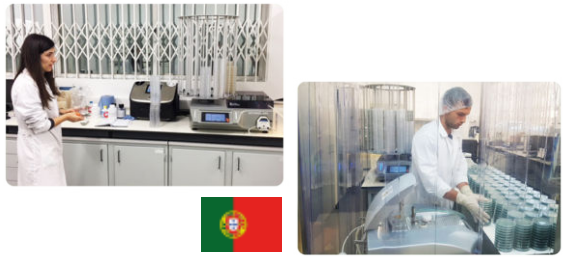

ALLIANCE BIO EXPERTISE

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08/10/2025

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