



ALLIANCE BIO EXPERTISE

DISCOVER **THE MICROBIOLOGY AUTOMATION**

- *Automated Media Preparation*
- *Food Sample Preparation*
- *Air Sampling*



alliance-bio-expertise.com



AUTOMATED MEDIA PREPARATION

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AUTOMATED MEDIA PREPARATION



1

Prepare the media

Diluent & Agar



MEDIAWEL®

Compliant with :



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

Distribute the media

Diluent & Agar



DISTRIWEL® - POLYWEL® - DOSYWEL® - DILUWEL®

ALL IN ONE MEDIA PREPARATION :

SIMPLIFIED PROCESS



Multiple manual steps

VS



Powder + water & Go !

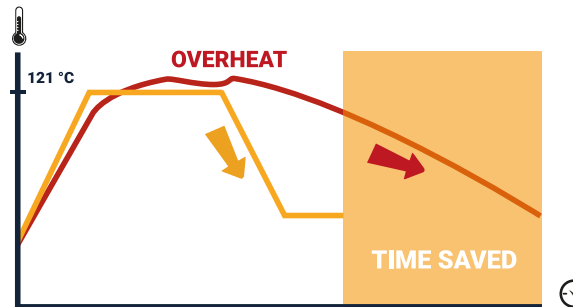


AUTOCLAVE



MEDIAWEL®

FAST COOLING SYSTEM



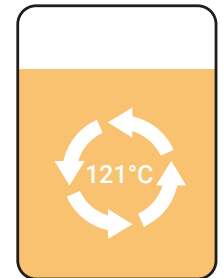
AUTOCLAVE —

MEDIAWEL® —

BETTER HOMOGENEITY



VS



AUTOCLAVE

MEDIAWEL®

MEDIAWEL 10[®]

NEW GENERATION MEDIA PREPARATOR

High performances :

- Standardized media : 50 programs available
- Temperature : 25 - 123 °C (± 0.5 °C)
- Optimum media homogeneity
- From 1 to 10 liters of media
- Cycle time : 50 - 75 min

Secure process :

- Traceability : e-TRACE[®] technology
- 0.2 µm filtration : Bactystopper[®]
- Safety cover & lid : locked above 80°C
- Multicoloured visual alarm



Ergonomic :

- Easy to move : trolley available
- Designed for user comfort
- User friendly interface
- Easy cleaning





Perfect homogeneity

Double magnetic stirring blade :
Large surface for an optimum temperature & consistence homogeneity



Safety first

The device is locked above 80°C with a special lid with 12 hooks.
Safety pressure valve.
ASME certification



Optimised mobility



Disengage and move the unit in seconds with the **Quick Water Connection Kit**. Simply slide it under the bench thanks to the trolley !



User friendly

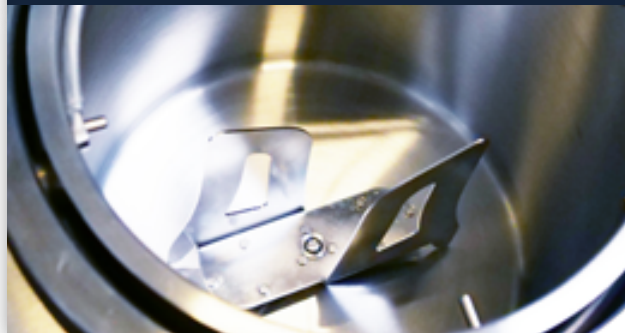


Intuitive 7" gloves friendly touchscreen and multicolored led indicators

Easy cleaning



Removable light bucket and stirrer.
Stainless steel AISI 416L



Full Traceability



Easy export of data via USB interface, ticket printer and real time data monitoring **Labpage®**



Delivered with the MEDIAWEL 10 : USB key with user manual and quality report, Bucket, Double magnetic stirrer, Sampling tube (MEDW2103), Drain plug, Stirrer bearing kit, Bactystopper - Calibrated sterile carded cotton x50 (MEDW3003), Inlet and outlet water tubing (4 m) + 4 tubing clamps (MEDW4012), 3 Months free access to «Real time data monitoring LICENSE»

MEDIAWEL 10®



Watch a full demonstration :



TECHNICAL DATA SHEET

Capacity	1-12L (from 10 to 12L, the Mediawel shouldn't be moved)
Sterilization temperature	From 25 to 123 °C
Sterilization time	From 1 to 99 min
Distribution temperature	From 25 to 80°C
Temperature accuracy	± 0.5°C after stabilization
Remaining volume	15 ml
Addition cap	✓
Traceability	eTRACE® Module integrated, USB data export (PDF/CSV)
Traceability WIFI/Ethernet (optional)	Labpage® dashboard. Real time data monitoring, data storage on SD card (up to 10 000 cycles)
Lid locking	Easy and safe (with 12 hooks)
Delayed start	✓
Temperature probe	1 PT100 probe
Pressure monitoring	1 pressure gauge
Safety pressure release	Safety valve
Adaptable dispensers	8 mm
Continuous homogenization	✓
Touchscreen	Tactile, LCD 7"
Alarm	Multicolored visual alarm
Passwords access	✓
Compacity	Easily slid under the bench, trolley in option
Robustness	Antishock body (ABS PC PLASTIC)
Bucket and vessel	Vessel : stainless steel AISI 316L - Bucket : stainless steel AISI 304
Programs	50
Dimensions (l x H x L)	500mm x 620mm x 515mm
Weight	63kg
Power supply	230V (+/- 10%) – 16A – 50/60Hz – 3600 W
Country of origin	France - European Union
Warranty	1 year

MEDIAWEL 30[®]

NEW GENERATION MEDIA PREPARATOR

High performances :

- Standardized media : 50 programs available
- Temperature : 25 - 125 °C (± 0.5 °C)
- Optimum media homogeneity
- From 2.5 to 30 liters of media
- Cycle time : 75 - 90 min



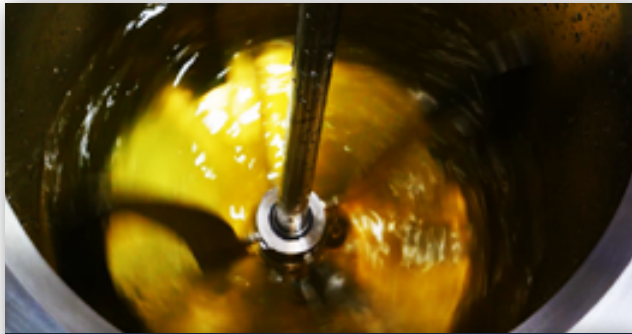
Secure process :

- Traceability : e-TRACE[®] technology
- 0.2 µm filtration : Bactystopper[®]
- Safety valve for pressure release
- Multicoloured visual alarm
- Antishock body : ABS PC PLASTIC

Ergonomic :

- Easy to move : 4 large medical wheels
- Designed for user comfort
- User friendly interface
- Easy cleaning





Better homogeneity

Double magnetic stirring blade :
Large surface for an optimum
temperature homogeneity



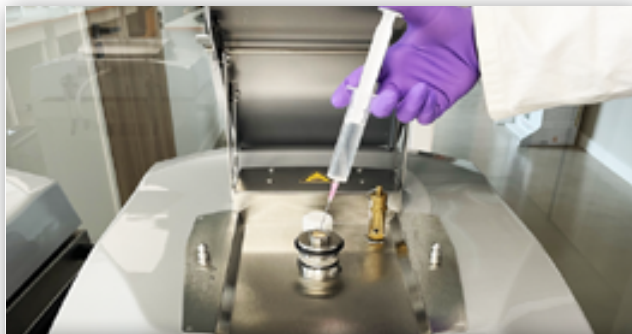
Robust design

The equipment body is
shock-resistant thanks to its
ABS PC PLASTIC design



Optimised cycle preparation

Avoid volatile powder with the Dust
Cover & speed up the water filling
with Automatic Doser



Supplement step

All MEDIAWEL can fully integrate
supplement addition : specific
supplement programs & specific
addition caps with or without septum



Easy cleaning

No heavy vessel to lift !
Fast draining mechanism and smooth
surfaces with no right angles



Full Traceability

Easy export of data via USB
interface, ticket printer and real
time data monitoring Labpage®



Delivered with the MEDIAWEL 30 : User Manual, Control certificate, Large magnetic stirrer (MEDW2008), Sampling tube (MEDW2009), Draining plug (MEDW2010), Sampling nozzle seals x2 (MEDW4011), Sampling nozzles x2 (MEDW2003 : Ø 12mm + MEDW2004: Ø 6.4mm), Inlet and outlet water tubing (4 m) + 4 tubing clamps (MEDW4012), Decompression filters x2 (MEDW3001), Bactstopper - Calibrated sterile carded cotton x50 (MEDW3003), Sliding washer stirrer axis x2 (MEDW4003), Sampling nozzle seals x2 (MEDW4011), USB key, 3 Months free access to the Labpage «Real time data monitoring LICENCE»

MEDIAWEL 30®

TECHNICAL DATA SHEET

Capacity	From 2.5 to 30 liters
Sterilization temperature	From 25 to 125°C
Sterilization time	From 1 to 99 min
Distribution temperature	From 25 to 80°C
Temperature accuracy	± 0.5°C after stabilization
Remaining volume	<100ml
Addition cap	✓
Traceability	eTRACE® Module integrated, USB data export (PDF/CSV)
Traceability WIFI/Ethernet (optional)	Labpage® dashboard. Real time data monitoring, data storage on SD card (up to 10 000 cycles)
Temperature probe	3 probes (1 standard, 1 in option and 1 for calibration)
Safety pressure release	Safety valve
Dispensing port	Adapters for tubes of 6.4 mm / 12 mm
Continuous homogenization	✓
Touchscreen	Tactile, LCD 7"
Alarm	Multicolored visual alarm
Cleaning	Trapdoor, easy access to the vessel
Mobility	Stable and easy to move : 4 large medical wheels
Robustness	Antishock body (ABS PC PLASTIC)
Vessel	Stainless steel AISI 316L
Programs	50
Weight	154kg
Dimensions (L x l x H)	735 x 585 1053mm
Power supply	MEDW1050 : 400V +/- 10%, three-phase (31A max per phase), 50/60 Hz, 18700W +/- 10% MEDW1051 : 208V +/- 10%, three-phase (46A max per phase), 50/60 Hz, 14500W +/- 10% (for 110/120V countries only, such as US, Canada, Central America)
Country of origin	France - European Union
Warranty	1 year

MEDIAWEL® key points in video :



MEDIAWEL 50[®]

NEW GENERATION MEDIA PREPARATOR

High performances :

- Standardized media : 50 programs available
- Temperature : 25 - 125 °C (± 0.5 °C)
- Optimum media homogeneity
- From 5 to 50 liters of media
- Cycle time : 75 - 90 min

Ergonomic :

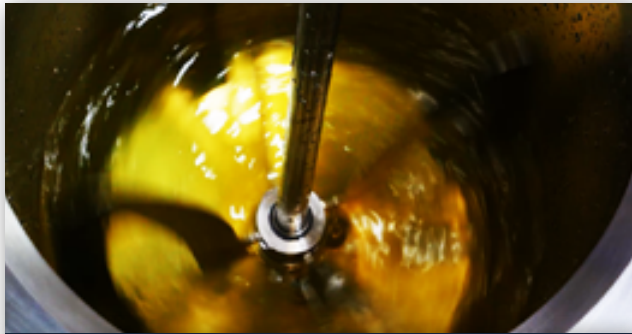
- Easy to move : 4 large medical wheels
- Designed for user comfort
- User friendly interface
- Easy cleaning



Secure process :

- Traceability : e-TRACE[®] technology
- Bacteria filtration : Bactystopper[®]
- Safety valve for pressure release
- Multicoloured visual alarm
- Antishock body : ABS PC PLASTIC





Better homogeneity

Double magnetic stirring blade :
Large surface for an optimum
temperature homogeneity



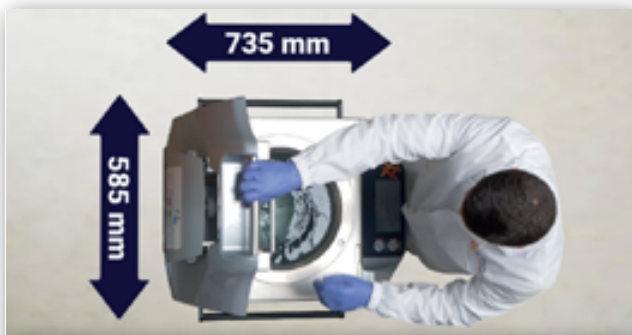
Make it faster

Reach the perfect media distribution
temperature quickly with
the fast cooling system



No waste media

The remaining volume is <100 mL



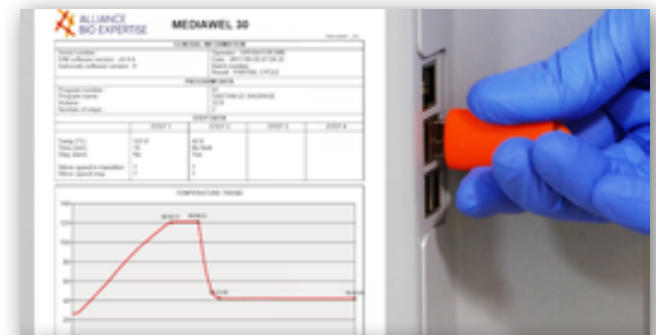
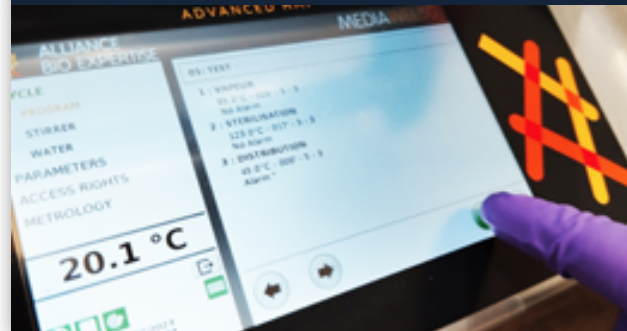
Optimized compacity



Same footprint as a 30L media
preparator ! Very good magnability
with medical wheels

User friendly

Intuitive 7" gloves friendly
touchscreen and multicolored
led indicators



Full Traceability



Easy export of data via USB
interface, ticket printer and real
time data monitoring Labpage®

Delivered with the MEDIAWEL 50 : USB stick with user Manual, control certificate, large magnetic stirrer (MEDW2008), sampling tube (MEDW2009), draining plug (MEDW2028), sampling nozzle seals x2 (MEDW4011), sampling nozzles x2 (MEDW2003 : Ø 12mm + MEDW2004: Ø 6.4mm), inlet and outlet water tubing (4 m) + 4 tubing clamps (MEDW4012), decompression filters x2 (MEDW3001), Bactystopper - calibrated sterile carded cotton x50 (MEDW3003), sliding washer stirrer axis x2 (MEDW4003), 3 Months free access to the Labpage «Real time data monitoring LICENCE»

MEDIAWEL 50®

TECHNICAL DATA SHEET

Capacity	From 5 to 50 liters
Sterilization temperature	From 25 to 125°C
Sterilization time	From 1 to 99 min
Distribution temperature	From 25 to 80°C
Temperature accuracy	± 0.5°C after stabilization
Remaining volume	<100ml
Addition cap	✓
Traceability	eTRACE® Module integrated, USB data export (PDF/CSV)
Traceability WIFI/Ethernet (optional)	Labpage® dashboard. Real time data monitoring, data storage on SD card (up to 10 000 cycles)
Temperature probe	3 probes (1 standard, 1 in option and 1 for calibration)
Safety pressure release	1.7 bar safety valve
Dispensing port	Adapters for tubes of 6.4 mm / 12 mm
Continuous homogenization	✓
Touchscreen	Tactile, LCD 7"
Alarm	Multicolored visual alarm
Cleaning	Bottom drainage / cleaning evacuation
Mobility	Stable and easy to move : 4 large medical wheels with brakes
Robustness	Antishock body (ABS PC PLASTIC)
Vessel	Stainless steel AISI 316L
Programs	50
Weight	178kg
Dimensions (L x l x H)	735 x 585 x 1073
Power supply	MEDW1050 : 400V +/- 10%, three-phase (31A max per phase), 50/60 Hz, 18700W +/- 10% MEDW1051 : 208V +/- 10%, three-phase (46A max per phase), 50/60 Hz, 14500W +/- 10% (for 110/120V countries only, such as US, Canada, Central America)
Country of origin	France - European Union
Warranty	1 year



ENSURE COMPLETE TRACEABILITY WITH YOUR MEDIAWEL



FULL
TRACEABILITY

REAL TIME DATA MONITORING :

Labpage® Real time data monitoring through WIFI/Ethernet, connected to your PC / Smartphone / Tablet. Dashboard available for the live monitoring : program settings, temperature settings and current temperature, alarms and notifications.



CYCLE MONITORING :

Cycles are automatically recorded and stored. Recall them one by one or sort them out by batch number, date, user... Each cycle can be exported as a PDF or CSV file to your USB key. SD card included with up to 10 000 cycles data storage.



DISTRIWEL 440[®]

NEW GENERATION PETRI DISH FILLER

High performances :

- Walkaway device :
440 dishes in 30 minutes
- Dispensing accuracy +/- 1ml
- High production throughput
- Built-in Peltier cooling effect :
reduces condensation
and solidification time
- Compatible with most Petri dishes
(55mm and 90mm)
- In-line blood addition (option)
- Plate Pouring System (option)



Ergonomic :

- Designed for user comfort
- User friendly interface
- Integrated bubble level
- Easy cleaning

Secure process :

- UV lamp for aerobiocontamination
prevention
- Plexiglas cover
- Multicolored visual alarm





Enhanced productivity

Fills 440 Petri dishes in 30 minutes in stand-alone mode.
Full walkaway device



Better quality

Obtain a media solidified and reduce condensation thanks to the Peltier effect



Plate Pouring System

No more manual 8-shaped stirring with optional «Plate Pouring» mode



Secure process

Avoid aerobiocontamination thanks to the UV lamp and plexiglas cover



Touchscreen

Operating system dedicated to microbiologists, for a reactive and intuitive access to programs



Inkjet Printer



Print up to 15 characters (2 lines) on the side of the Petri dish with the LINX8900 (optional)

Delivered with the DISTRIWEL : User Manual, Power supply cable, Tubing sets x2 (DISW2005), Certificate of conformance, FHC screws, Stainless steel washers M4 x6, Stainless steel washers M5 x6, Linx printer fitting kit (only in DISW1003)

DISTRIWEL®



TECHNICAL DATA SHEET

Petri dishes per hour	Up to 880
Distribution modes	Automatic with carrousel and manual
Capacity	440 Petri dishes
Fast cooling	Built-in Peltier effect
Contamination prevention	Built-in UV lamp
Distribution speed	From 30 to 300 RPM
Distribution accuracy	± 1ml
Distribution volume	1 - 99ml
Stack plates function	✓
Peristaltic pump	Integrated pump (double pump in option)
Programs	50
Touchscreen	Tactile, LCD 7"
Traceability	Ink jet printer on the Petri dish sides (also possible from the bottom of the dish, on demand)
USB	✓
Ethernet	✓
Footswitch (for manual distribution)	✓ (option)
Dimensions (L x l x H)	689 x 808 x 940 mm
Weight	71 kg
Power supply	115 or 230V ±10% - 50/60Hz - 3A max - 150W
Country of origin	France - European Union
Warranty	1 year

CONFIGURATIONS

DISW1001P	Distriwel with blood addition kit
DISW1001X	Distriwel with LINX printer kit
DISW1001XP	Distriwel with blood addition + LINX printer kit
DISW1001S	Distriwel with plate pouring system

MINIMA[®]

PETRI DISH WRAPPER

Pack your Petri dishes :

- Adequate film : optimal solution to avoid condensation
- 10 predefined programs
- Ideal for 10-plates packs :
1 column of 10 or 2 columns of 5



TECHNICAL DATA SHEET

Wrapping film	Polyolefin rolls delivered by 6 rolls of 1250m - 15µm - ø 200mm
Power supply	200/230V - 1.2 KW
Dimensions with open lid	930 x 550 x 580 mm
Dimensions with closed lid	930 x 550 x 370 mm
Weight (net/gross)	36/48 kg



Order it with your **DISTRIWEL[®]**



CE





DOSYWEL UP! is a multi-functional compact peristaltic pump, that provides a quick and accurate way of filling containers with agar, and any diluents.

- ✓ Precise
- ✓ Time saving
- ✓ Standardized
- ✓ Automatic traceability
- ✓ Lightweight and user-friendly

Step up your lab with automation !

1

Prepare the **media or diluent**

MEDIAWEL®



ISO
11133

4.5.4 : The medium shall be poured into Petri dishes so as to obtain a depth of at least 3 mm. For 90 mm diameter dishes, 18 ml to 20 ml of medium are required.

2

Distribute the **media or diluent**

DOSYWEL®



ISO
7218

Culture media shall be distributed in a clean and uncontaminated environment. Use distribution methods that minimize the risk of contamination [...] The preparation conditions (temperature, stirring, etc.) must be controlled and documented.

DOSYWEL UP!®

NEW GENERATION PERISTALTIC PUMP

 StepUpYourLab

Multi-modes :

- Dosing (with defined volume)
- Dispense with a fixed flow rate (for ex: 100L/min)
- Multidose (with intervals) & Footpedal
- Continuous distribution (Start/Stop)
- Concentrated media management
- Fast mode with 8mm tubing

Ergonomic :

- User friendly interface
- Light : 3.1kg





Semi-automatic distribution

Set up your lab to gain in efficiency. Use a time interval, a footswitch or a nozzle holder to limit handling



Compact & light



Light weight (3.1kg) and small footprint : optimise your bench space and easily lift it for cleaning



Calibration

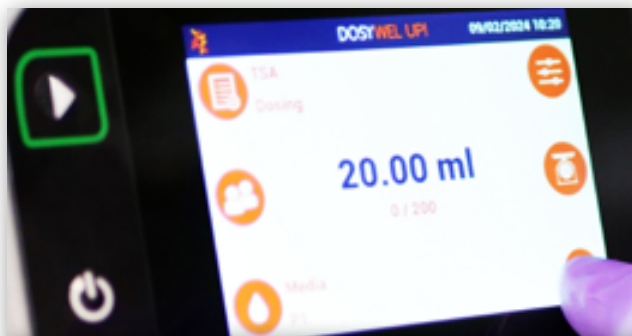


Set up a calibration at the beginning of your program or after a defined number of doses dispensed to ensure a perfect distribution precision



Fast & Accurate

Up to 1 second for 9ml with 1% accuracy using 3.2mm tubing



Touchscreen

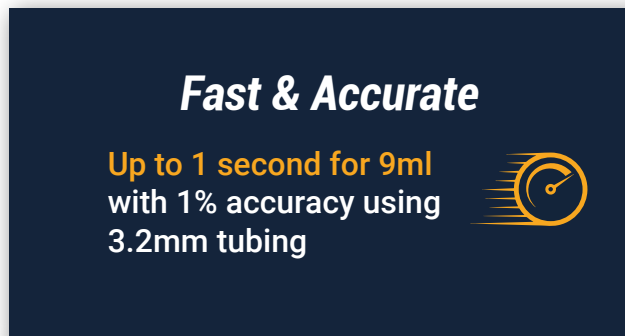


Operating system dedicated to microbiologists, for a reactive and intuitive access to programs

Full Traceability



Get the full traceability of distributions and calibrations with tickets, USB key, Labpage or LIMS



Delivered with the DOSYWEL UP!

User Manual, power chord, set of 3.2mm tubing with dispensing nozzle (ref : DOSW2003), quality control certificate and metrology report.

TECHNICAL DATA SHEET

Distribution	Manual, automatic or with footswitch
Adjustable volume	0.1 to 9999 mL
Adjustable speed	5 - 100% / 10-450 rpm
Calibration	At the beginning of a cycle and/or after a selected number of doses
Dispensing modes	Dosing - Continuous - Flow rate
Interval	0.1 to 100 seconds
Rotation	Clockwise or Anticlockwise
Number of programs	Unlimited
Traceability	Ticket printer - USB key
Flow rate	2L / min maximum
Internal tube diameter	1.6mm / 3.2mm / 4.8 mm / 6.4mm / 8mm
Compacity (D x W x H)	253 x 160 x 205 mm
Weight	3.1kg
Electricity supply / Power	100 - 250V / 50 - 60 Hz / 90W
Warranty	1 year
Country of origin	France - European Union

DOSYWEL UP!®

Set up your workflow with a **footswitch** :



REF : DILW2013

POLYWEL 3D[®]

AUTOMATED TUBES AND BOTTLES FILLER


High performances :

- Capacity of 8 racks of 120 tubes or 4 racks of 250 tubes (*considering 18mm / 9ml tubes*)
- Fills 1000 tubes per hour / per run (*considering 18mm / 9ml tubes*)
- 3D driven : adaptable to your different containers
- Accuracy from 5ml : ± 0.159 ml
- Up to 20 programs

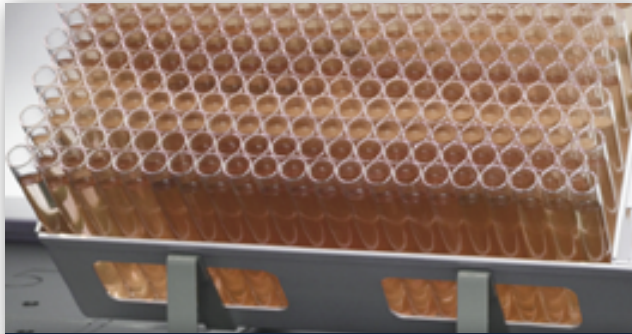
Ergonomic :

- Autoclavable racks
- Light indicators
- Easy cleaning

Adaptable :

- Different distribution nozzles available :
Ø 1mm - Ø 3mm - Ø 6mm
- ACCURACY  SPEED





Enhanced productivity

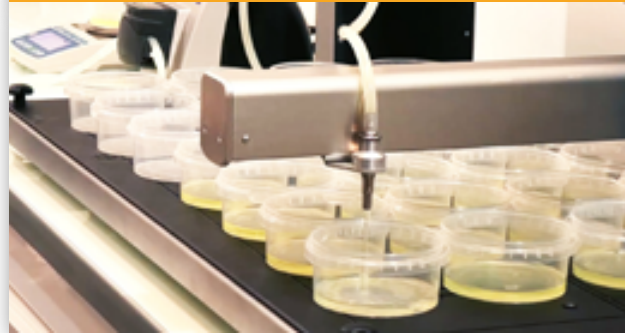
Fills 1000 tubes in one hour in stand-alone mode.

Full walkaway device



Adaptable

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



Precise distribution



Dispense with an accuracy of ± 0.159 ml 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 the POLYWEL 3D :

User Manual, power chord, Polypump 3D (POLW2000), Set of tubing 3.2 mm with dispensing nozzle ® (POLW2008), Dispensing nozzle holder (POLW2013), rack 250

TECHNICAL DATA SHEET

Distribution volume	From 1 to 9999.9 ml
Tubes per hour (Ø 18mm)	1000
Tubes per rack (Ø 18 mm)	Large rack : 250 / Small rack : 120
Programs	20
Tubing diameters	1.6 mm / 3.2 mm / 6.4 mm
Adjustable speed	✓
Calibration	Start and during the cycle
Maximum size of containers	Height : 225 mm
Internal dimensions of racks	Large rack : 220 x 440 x 110 mm / Small rack : 220 x 240 x 110 mm
External dimensions of racks	Large rack : 195 x 390 mm / Small rack : 195 x 185 mm
Dimensions	1130 x 600 x 610 mm
Power supply	120 - 240V (± 10 %) 50 - 60 Hz / 160W
Warranty	1 year
Country of origin	France - European Union

POLYWEL 3D®



PRODUCT CODE AND DESCRIPTION

DSHB3001	TRYPTIC SOY AGAR - TSA - 500G	DSHB3021	D-CYCLOSERINE SELECTIVE SUPPLEMENT - 10 x 250ML
DSHB3002	TRYPTIC SOY BROTH TSB - 500G	DSHB3022	DEOXYCHOLATE LACTOSE AGAR - 500G
DSHB3003	SABOURAUD DEXTROSE AGAR - SDA - 500G	DSHB3023	KLIGER AGAR - 500G
DSHB3004	BUFFERED PEPTONE WATER PH7 - BPW - 500G	DSHB3025	MULLER-KAUFFMANN TETRATHIONATE BROTH BASE - 500G
DSHB3005	UREA AGAR - 500G	DSHB3026	ENRICHMENT ENTEROBACTERIACEAES BROTH - EE - 500G
DSHB3006	UREA SUPPLEMENT 40% - 1 x 125ML	DSHB3027	MYP BACILLUS CEREUS AGAR BASE - 500G
DSHB3007	MAC CONKEY AGAR - 500G	DSHB3028	MYP BACILLUS CEREUS AGAR BASE - 500G
DSHB3008	MAC CONKEY BROTH ISO/EUR.PHARMA - 500G	DSHB3029	GLUCOSE BROMOCRESOL PURPLE AGAR - 500G
DSHB3009	R2A AGAR - 500G	DSHB3030	OXYTETRACYCLIN GLUCOSE YEAST EXTRACT AGAR BASE - OGYE - 500G
DSHB3010	CETRIMIDE AGAR PSEUDOMONAS SELECTIVE - 500G	DSHB3031	OXFORD AGAR BASE - 500G
DSHB3011	YLOSE LYSINE DEOXYCHOLATE MODIFIED AGAR - 500G	DSHB3032	PALCAM AGAR BASE - 500G
DSHB3012	CHAPMAN MANNITOL SALT AGAR - MSA - 500G	DSHB3033	BOLTON ENRICHMENT BROTH BASE - 500G
DSHB3013	NUTRIENT AGAR - 500G	DSHB3034	PLATE COUNT AGAR - PCA - 500G
DSHB3014	ESCHERICHIA COLI BROTH - 500G	DSHB3035	POTATO DEXTROSE AGAR (EUR. PHARM.) - PDA - 500G
DSHB3015	RILLIANT GREEN BILE 2% BROTH - 500G	DSHB3036	SABOURAUD BROTH - 500G
DSHB3016	BRAIN HEART INFUSION AGAR - BHI - 500G	DSHB3037	SABOURAUD CHLORAMPHENICOL AGAR - SDA WITH CHLORAMPHENICOL - 500G
DSHB3017	BLOOD AGAR BASE COLUMBIA - 500G	DSHB3038	TRYPTONE BILE GLUCURONIC AGAR - TBX - 500G
DSHB3018	LISTERIA ENRICHMENT BROTH FRASER BASE - 500G	DSHB3039	TCBS AGAR (ISO) - 500G
DSHB3019	RPF SUPPLEMENT - 10 x 60MM	DSHB3040	THIOGLYCOLATE BROTH (USP ALTERNATIVE) - 500G
DSHB3020	PSEUDOMONAS SELECTIVE SUPPLEMENT - CFC - 10 x 500ML	DSHB3041	0,1% PEPTONE SALT BROTH - 500G



PRODUCT CODE AND DESCRIPTION

DSHB3042	TRYPTOSE SULFITE CYCLOSERINE AGAR - TSC - 500G	DSHB3062	PSEUDOMONAS GELOSE BASE AGAR - 500G
DSHB3043	VIOLET RED BILE GLUCOSE AGAR - VRBG (EUR.PHARMA) - 500G	DSHB3063	ALCALIN SALTY PEPTON WATER - 500G
DSHB3044	VIOLET RED BILE LACTOSE AGAR - VRBL - 500G	DSHB3065	POLYMYXIN B SELECTIVE SUPPLEMENT - 10 x 3G
DSHB3045	CHLORAMPHENICOL GLUCOSE AGAR - CGA - 500G	DSHB3066	OXYTETRACYCLIN SELECTIVE SUPPLEMENT - 10 x 3G
DSHB3046	BILE ESCULIN AZIDE AGAR - BEA - 500G	DSHB3067	LISTERIA SELECTIVE AGAR BASE - AL - 500G
DSHB3047	ENDO AGAR BASE - 500G	DSHB3068	BUFFERED CHARCOAL YEAST EXTRACT AGAR BASE - BCYE - 500G
DSHB3048	BRUCELLA BASE BROTH - 500G	DSHB3069	CYSTEINE LEGIONELLA SUPPLEMENT FOR BCYE AGAR - 5 VIALS
DSHB3049	FRASER SELECTIVE SUPPLEMENT - 10 x 500ML	DSHB3070	SELECTIVE SUPPLEMENT LEGIONELLA WITHOUT CYSTEINE - GVPC - 10 x 9G
DSHB3050	FRASER DEMI SELECTIVE SUPPLEMENT - 10 x 250ML	DSHB3071	SELECTIVE SUPPLEMENT FOR LISTERIA (OTTAVIANI & AGOSTI) - 10 x 3G
DSHB3051	OXFORD LISTERIA SELECTIVE SUPPLEMENT - 10 x 500ML	DSHB3072	SELECTIVE SUPPLEMENT FOR LISTERIA (OTTAVIANI & AGOSTI) - 10 x 24ML
DSHB3052	PALCAM SELECTIVE SUPPLEMENT - 10 x 500ML	DSHB3073	SLANETZ AND BARTLEY AGAR BASE - 500G
DSHB3053	BOLTON BROTH SELECTIVE SUPPLEMENT - 10 x 500ML	DSHB3074	TTC SUPPLEMENT - 1 x 100ML
DSHB3054	MUELLER HINTON AGAR - MH - 500G	DSHB3075	CYSTINE LACTOSE ELECTROLYT DEFICIENT AGAR - CLED - 500G
DSHB3055	RAPPAPORT VASSILIADIS SOJA BROTH - RVS - 500G	DSHB3076	GROWTH PROMOTION SUPPLEMENT - 5 VIALS
DSHB3056	COLUMBIA AGAR BASE (EUR. PHARM.) - 500G	DSHB3077	PLATE COUNT SKIM MILK AGAR - 500G
DSHB3057	MALT AGAR - 500G	DSHB3078	AB SELECTIVE SUPPLEMENT FOR LEGIONELLA - 10 VIALS
DSHB3058	LACTOSE SULFITE BROTH - 500G	DSHB3079	HEKTOEN ENTERIC AGAR - 500G
DSHB3059	NOVOBIOCIN SELECTIVE SUPPLEMENT - 10 x 500ML	DSHB3080	DIFFERENTIAL SUPPLEMENT FOR LISTERIA UVM II - 10 x 3G
DSHB3060	BAIRD PARKER AGAR BASE - 500G	DSHB3081	D-CYCLOSERINE SELECTIVE SUPPLEMENT - 10 VIALS
DSHB3061	SUPPLEMENT EGG YOLK FOR BAIRD PARKER AGAR - 1 x 100ML	DSHB3082	YEAST EXTRACT AGAR (ISO 6222) - 500G



PRODUCT CODE AND DESCRIPTION

DSHB3083	BLOOD AGAR BASE - 500G	DSHB3103	ENTEROBACTER SAKAZAKII ISOLATION AGAR - 500G
DSHB3084	LACTOSE TERGITOL 7 AGAR - TTC - 500G	DSHB3104	SIMMONS CITRATE AGAR - 500G
DSHB3085	SALMONELLA SHIGELLA AGAR - SS - 500G	DSHB3105	LAURYL TRYPTOSE SULFATE BROTH - LST - 500G
DSHB3086	THIOGLYCOLATE FLUID MEDIUM (ACCORDING TO USP) - 500G	DSHB3106	VANCOMYCIN SELECTIVE SUPPLEMENT - 10 x 3G
DSHB3087	CHROMOGENIC AGAR FOR COLIFORM BACTERIA - CCA - 500G	DSHB3107	CHARCOAL CEFOPERAZONE DEOXYCHOCOLATE AGAR MODIFIED - CCDA - 500G
DSHB3088	DICHLORAN GYCEROL 18 AGAR BASE - DG18 - 500G	DSHB3108	YERSINIA SELECTIVE AGAR BASE - 500G
DSHB3089	DICHLORAN ROSE BENGAL CHLORAMPHENICOL AGAR - DRBC - 500G	DSHB3109	YERSINIA SELECTIVE SUPPLEMENT - 10 x 50MM
DSHB3090	ORANGE SERUM AGAR - 500G	DSHB3110	CAMPYLOBACTER CCDA SELECTIVE SUPPLEMENT - 10 VIALS
DSHB3091	CN SELECTIVE AGAR BASE FOR PSEUDOMONAS - 500G	DSHB3111	EOSIN METHYLENE BLUE AGAR - EMB - 500G
DSHB3092	SUPPLEMENT FOR CN SELECTIF AGAR - 10 x 3G	DSHB3112	GIOLITTI CANTONI BROTH - 500G
DSHB3093	GREEN BRILLIANT AND NOVOBIOCIN SELECTIVE SUPPLEMENT - 10 x 3G	DSHB3113	YERSINIA ENRICHMENT BROTH BASE (ITC) - 500G
DSHB3094	MAC CONKEY BROTH - 500G	DSHB3115	RAPPAPORT VASSILIADIS MODIFIED SEMI SOLID AGAR BASE - 500G
DSHB3095	GELATIN LACTOSE MEDIUM - 500G	DSHB3116	SOY PEPTONE AGAR - 500G
DSHB3096	MOBILITY NITRATE MEDIUM - 500G	DSHB3117	KING A AGAR - 500G
DSHB3097	DECARBOXYLASE LYSINE BROTH - 500G	DSHB3118	LISTERIA ENRICHMENT BROTH BASE - 500G
DSHB3098	TRIPLE SUGAR IRON AGAR - TSI - 500G	DSHB3119	PEPTONE FROM CASEIN (TRYPTONE) - 500G
DSHB3099	KING B AGAR - 500G	DSHB3120	SCHAEDLER BROTH - 500G
DSHB3100	CHLORAMPHENICOL SUPPLEMENT - 10 VIALS	DSHB3121	SELENITE BROTH - 500G
DSHB3101	TRYPTON WATER - 500G	DSHB3122	DNASE AGAR - 500G
DSHB3102	SHIGELLA BROTH BASE - 500G	DSHB3123	GC AGAR ENRICHED BASE - 500G



PRODUCT CODE AND DESCRIPTION

DSHB3124	MANNITOL MOTILITY NITRATE FLUID MEDIUM - 500G	DSHB3147	SULFITE IRON AGAR - 500G
DSHB3125	MAC CONKEY AGAR NO. 2 - 500G	DSHB3148	SUPPLEMENT EGG YOLK - 500G
DSHB3126	DRIGALSKY LACTOSE AGAR - 500G	DSHB3149	BAT AGAR - 1 x 50ML
DSHB3127	AGAR BACTERIOLOGICA - 500G	DSHB3150	D/E NEUTRALIZING AGAR BASE - 500G
DSHB3128	YEAST EXTRACT - 500G	DSHB3151	TRYPTONE GLUCOSE EXTRACT AGAR - TGETRYPTONE GLUCOSE EXTRACT AGAR - TGE - 500g
DSHB3129	MEAT EXTRACT - 500G	DSHB3153	AGAR BASE BURKHOLDERIA SELECTIVE - 500G
DSHB3130	TRYPTONE SULFITE NEOMYCIN AGAR - TSN - 500G	DSHB3154	MARINE AGAR - 500G
DSHB3131	POLYSORBATE 80 - 1 x 125ML	DSHB3155	TRYPTIC SOY BROTH IRRADIATED – TSB IRRADIATED - 500G
DSHB3132	PEPTONE FROM CASEIN, PANCREATIC - 500G	DSHB3156	SUPPLEMENT SELECTIF BURKHOLDERIA CEPACIA - BCSA - 10 x 3G
DSHB3133	BRILLIANT GREEN MODIFIED AGAR - GVB - 500G	DSHB3157	BROTH BASE MODIFIED EUGON LT - 500G
DSHB3134	TRYPTONE AND SOY YEAST EXTRACT AGAR - TSYE - 500G	DSHB3158	VCAT SELECTIVE SUPPLEMENT - 10 x 10ML
DSHB3135	PURPLE RHAMNOSE FERMENTATION AGAR - 500G	DSHB3159	SELECTIVE SUPPLEMENT LISTERIA FDA FIL/IDV - 10 x 3G
DSHB3136	BAT BROTH - 500G	DSHB3160	BRUCELLA SUPPLEMENT - 10 VIALS
DSHB3137	KENNER FECAL AGAR - KF AGAR - 500G	DSHB3161	SELECTIVE SUPPLEMENT NALIDIXIC ACID - 10 x 3G
DSHB3138	NON ANIMAL TRYPTONE SOY BROTH - TSB - 500G	DSHB3162	LINDEN GRAIN BROTH - 500G
DSHB3140	ANTIBIOTIC MEDIUM A pH 7,9 - 500G	DSHB3163	MICROBIAL CONTENT TEST AGAR - 500G
DSHB3141	ANTIBIOTIC MEDIUM B - 500G	DSHB3164	TSB + LECITHIN POLYSORBAT BROTH - 500G
DSHB3144	ANTIBIOTIC MEDIUM E - 500G	DSHB3166	SELECTIVE AGAR FOR PSEUDOMONAS AND AEROMONAS - 500G
DSHB3145	ANTIBIOTIC MEDIUM F (OR 6) - 500G	DSHB3167	MULLER HINTON BROTH - MH - 500G
DSHB3146	ANTIBIOTIC MEDIUM A - 500G	DSHB3168	ROTHER BROTH - 500G



PRODUCT CODE AND DESCRIPTION

DSHB3171	MALT EXTRACT - 500G
DSHB3176	M17 AGAR - 500G
DSHB3178	BRAIN HEART INFUSION BROTH - BHI - 500G



PRE-WEIGHED FORMAT

DSHB3171	PRE-WEIGHED DEHYDRATED MEDIA FOR 30L OF BUFFERED PEPTONE WATER
DSHB3176	PRE-WEIGHED DEHYDRATED MEDIA FOR 10L OF BUFFERED PEPTONE WATER



FOOD SAMPLE PREPARATION





DILUWEL UP1 is a fast, robust & accurate gravimetric diluter, that dilutes solid samples with the correct amount of diluent in few seconds.

- ✓ Stable
- ✓ Precise
- ✓ Standardized
- ✓ Time saving
- ✓ Automatic traceability

Step up your lab with automation !

1

Connect to your diluent



MEDIAWEL® - BAGGYWEL® - BOTTLES

2

Dilute the sample



DILUWEL®

3

Blend the sample



MIXWEL®

ISO
7218

Weigh the test take with a tolerance of $\pm 5\%$ in a sterile container [...]. Add a quantity of diluant equal to 9 x MG or 9 x VmL [...] this quantity must be measured in mass, with a tolerance of $\pm 2\%$ [...].

ISO
6887-1

Gravimetric dilutions consist of a balance and programmable liquid dispenser [...] Place the equipment [...] levelled and protected from vibration.

DILUWEL UP!®

NEW GENERATION GRAVIMETRIC DILUTOR

 StepUpYourLab

High performances :

- Fast dispensing : 12 seconds for 225 ml
- Integrated digital bubble level for better stability
- Deported pumps for space optimisation and limitation of vibrations
- Motorized dispensing : no cross contamination

Ergonomic :

- Designed for user comfort
- User friendly interface
- Easy cleaning
- Light : 6.9kg

Multi-modes :

- Dilution
- Dosage
- Powder
- Pre - weighing
- Concentrated media
- Supplements





Fingerstop™

Long nozzle with safety ball to avoid cross contamination from hands



Easy to handle

Light weight (6.9kg) and small footprint : easy to lift for cleaning and free up bench space



Color indicators

Intuitive color codes for ISO conformity : adjustable values for sample weighting and final dilution tolerance



Independant pumps



The balance stability is protected from pump vibrations. Organize your working space as you want. Up to 4 pumps !

Ergonomic



Lowest bag opening at 29cm from the bench. Information display at eye level and commands within hand reach to avoid musculoskeletal disorders



Full Traceability



Get the full traceability of dilutions, daily checks and calibration with tickets, USB key, Labpage or LIMS

Delivered with the DILUWEL UP!

User Manual, power chord, Dilupump Up! (DILW2201), complete set of 6.4mm tubing with fingerstop dispensing nozzle (DILW2002), Patawel + : long life non-sticky pads (DILW3010), 400ml bag holder (DILW2015), quality control certificate and metrology report.

TECHNICAL DATA SHEET

Fast & accurate dispensing	12 sec. for 225ml / (9 sec in turbo mode)
Dilution accuracy	>99%
Turbo mode	✓
Digital bubble level	✓
Motorized dispensing nozzle	✓
Editable programs	Unlimited
Weighing range	0.1g to 4000g
Dilution factor	1.00 to 99
Dispensing modes	Dilution / Dosage / Concentrated Media
Additional functionalities	Powder / Pre-weighting / Auto-start / Supplement
Stainless steel bag holder – extended lifetime	✓
Watertight base – easy to clean	✓
Traceability	Tickets, USB key, Labpage or LIMS
Plug and play removable pumps	4
Intuitive 3.5" touchscreen	✓
Compacity (D x W x H)	275 x 250 x 400mm
Weigh	6.9 kg
Electricity supply / Power	100 - 240V / 50 - 60 Hz / 120W
Warranty	1 year
Country of origin	France - European Union

DILUWEL UP!®

Connect up to 4 pumps :



DILUWEL XL[®]

LARGE VOLUME GRAVIMETRIC DILUTOR

High performances :

- Dilution time : 36 seconds for 3750g. **New Record !**
- Precision balance : from 8.00g to 5000.00g
- Motorised arm : avoid cross contamination
- Deported pump for space optimisation and limitation of vibrations

Ergonomic :

- Designed for user comfort
- Ambidextrous control panel
- User friendly interface
- Coloured display tower



A MULTIFUNCTION DILUTER :

Go for a mode and choose the best holders for your applications !

LANDSCAPE MODE CONFIGURATIONS :



Multi-Container
Bottles / Bowls / Flasks

Tilt
400 ml bags

Classic
4000 ml bags

PORTRAIT MODE CONFIGURATIONS :

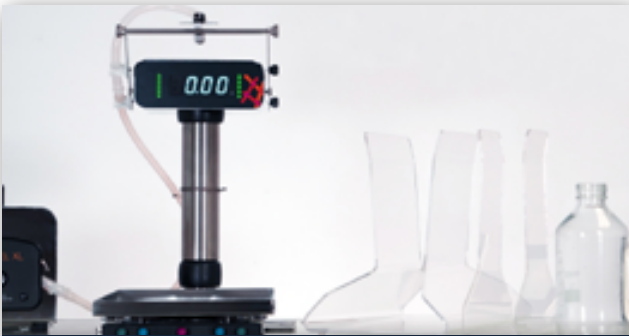


Multi-Container
Bottles / Bowls / Flasks

Pull and Tilt
400 ml bags

Classic
4000 ml bags

Ergonomic Workflow
4000 ml bags



Versatility



- 3750g : your dilution in 36 seconds
- 1250g : your dilution in 12 seconds
- 250g : your dilution in 8 seconds
- 100g : your dilution in 7 seconds

Adaptability



Compatible with all automated media and diluent preparators. Combine it with a MEDIAWEL for maximum speed !



Secure process



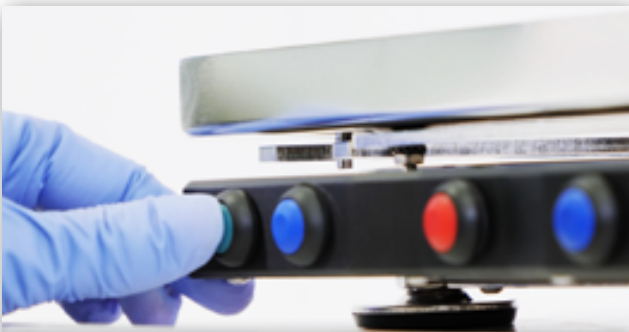
Long nozzle with motorised arm to avoid cross contamination from hands



Ergonomic



Designed to avoid musculoskeletal disorders. Information display at eye level and ideal under biosafety cabinets !



Industrial tool



A robust device designed for high cadences. Waterproof and ambidextrous industrial controls

Full Traceability



Get the full traceability of distributions and calibrations with tickets, USB key, Labpage or LIMS



Delivered with the DILUWEL XL :

User Manual, power chord, motorised head with stand, pump large volumes, set of tubing (10mm), touchscreen tablet, tray, precision balance (landscape or portrait), quality certificate

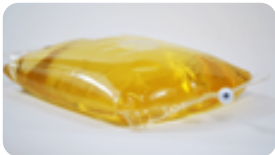
TECHNICAL DATA SHEET

Quick distribution	36 sec for 3750 g / 12 sec for 1250 g / 8 sec for 250 g / 7 sec for 100 g
Precision	> 99%
Integrated bubble level	✓
Motorized dispensing head	✓
Programs	Unlimited
Users	Unlimited
Diluents	Unlimited
Resolution	0.01 g
Weighing range	From 8.00 g to 5000.00 g
Dilution factor	From 1.00 to 1/100.00
Dose program	✓
Powder program	✓
Auto-start	✓
Auto-tare	✓
Automated daily check and calibration	✓
Waterproof device - easy to clean	✓
4 USB ports - RJ45	✓
Remote pumps	Standard : 1 / Extra available in option : 1
7" touchpad	✓
Interactive upper display (color codes)	✓
Portrait compacity (L x D x H)	220 x 550 x 440 mm
Landscape compacity (L x D x H)	420 x 400 x 440 mm
Weight	Pump : 8kg / Balance : 7kg / Distribution head : 4kg / Tablet : 1kg
Power supply	230V or 120V / 50 – 60 Hz
Warranty	1 year
Country of origin	France



PRODUCT CODE AND DESCRIPTION

BGWR3001	BUFFERED PEPTONE WATER - 2 X5L
BGWR3002	BUFFERED PEPTONE WATER - 3 X 3L
BGWR3005	HALF FRASER - 2 X5L
BGWR3006	HALF FRASER - 3 X 3L
BGWR3009	MAC CONKEY - 2 X5L
BGWR3010	MAC CONKEY - 3 X 3L
BGWR3011	EUGON LT 100 - 2 X5L
BGWR3012	EUGON LT 100 - 3 X 3L
BGWR3013	PHOSPHATE BUTTER (BUTTERFIELD) - 2 X5L
BGWR3014	PHOSPHATE BUTTER (BUTTERFIELD) - 3 X 3L
BGWR3015	HALF FRASER (WITHOUT FERRIC AMMONIUM CITRATE) - 2 X5L
BGWR3016	HALF FRASER (WITHOUT FERRIC AMMONIUM CITRATE) - 3 X 3L
BGWR3017	TRYPTIC SOY BROTH - 2 X5L
BGWR3018	TRYPTIC SOY BROTH - 3 X 3L
BGWR3019	PEPTONE WATER (0.1% PEPTONE) - 2 X5L
BGWR3020	PEPTONE WATER (0.1% PEPTONE) - 3 X 3L
BGWR3025	5 SODIUM CITRATE - 2 X5L
BGWR3026	5 SODIUM CITRATE - 3 X 3L
BGWR3029	DOUBLE BUFFERED PEPTONE WATER - 2 X5L
BGWR3031	LISTERIA ENRICHMENT BROTH (UVM I) - 3 X 3L





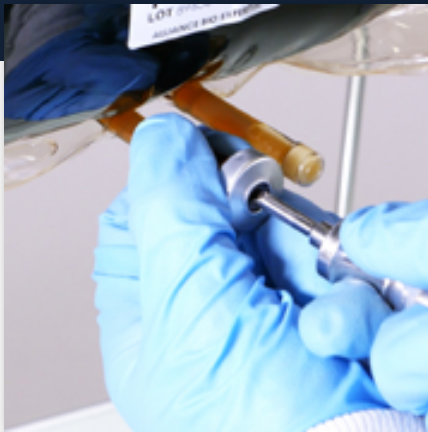
Step up your lab with automation !

- ✓ Easy to use
- ✓ Compact and light
- ✓ Standardized extraction
- ✓ Silent and vibration free
- ✓ More efficient blending¹



1 **Connect** to your diluent

-  MEDIAWEL® - BOTTLES
-  BAGGYWEL® - BAGGIES
-  MEDIAWEL® - TROLLEYS



2 **Dilute** the sample

DILUWEL UP®



3 **Blend** the sample

MIXWEL UP®



The usual operating time of a peristaltic homogenizer is 1 min to 3 min (see ISO 6887-2 to ISO 6887-4 and ISO 8261 for specific foods).

¹ : See the scientific report on page 45

MIXWEL UP!®

NEW GENERATION LAB BLENDER

 StepUpYourLab

Best performances¹ :

- Adjustable paddles to adapt to your matrices
- Pendular blending system
- Silent and vibration free
- Speed control

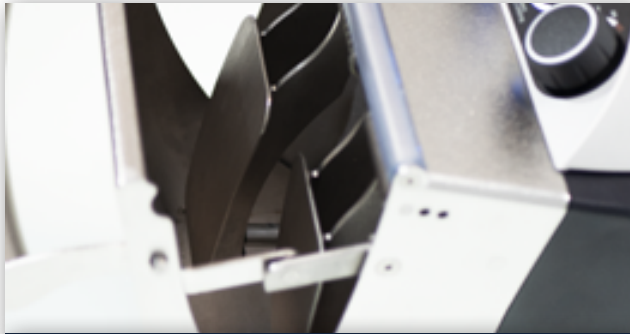


Ergonomic :

- Designed for user comfort
- User friendly controls
- Easy cleaning
- Light : 14 kg
- Optimized footprint

¹ : See the scientific report on page 45





Pendular system



More efficient blending with our pendular patented system : delivers smoothly up to 70 kg pressure per paddle.

Easy to clean



Quick removal of the door and the paddles. Waste tank integrated into the door



Compact & light



Lightest lab blender : 14 kg.
Easy to move to optimise your bench space



1.COMPARATIVE STUDY BETWEEN TWO BLENDING METHODS :

To compare the two different types of lab blenders on the market, we asked ESIAB, a food industry school of Engineering, to perform a number of tests :

An *E.coli* strain calibrated at 7400 cfu, is inoculated into « knack » sausages: a sensitive matrix due to the « slippery » skin. The sausages were then grinded in the two blenders and inoculated into TBX agar.

The MIXWEL pendular system resulted in a 50% higher recovery rate than a classic blender.

Pendular system

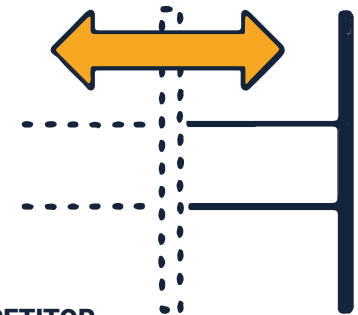
Pressure : up to 70kg



MIXWEL

Classical system

Pressure : up to 28kg



COMPETITOR

Delivered with the MIXWEL UP!

User Manual, power chord, quality control certificate and metrology report.

TECHNICAL DATA SHEET

Pendular blending power	Up to 70 kg / paddle
Capacity	50 mL to 400 mL
Noise level	< 48 db
Adjustable speed	✓
Low vibrations	✓
Removable door / paddles	✓
Stainless steel paddles	✓
Adjustable paddles to the matrix	3 positions
Waste tank integrated – easy to clean	✓
Easy troubleshooting	Light indicators
Compacity (D x W x H)	220 x 410 x 340mm
Weight	14 kg
Electricity supply / Power	100 - 240V / 50-60 Hz - 120W
Warranty	1 year
Country of origin	France - European Union

MIXWEL UP!®

Set up your workflow with a **bag rack** :



REF : MIXW2002

MIXBAGS®

STERILE BLENDER BAGS

MIXBAG Standard



REF : MIXW3004

MIXBAG « U »



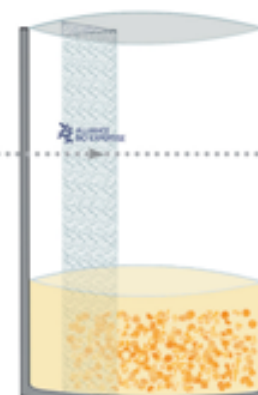
REF : MIXW3005



Close and open the bag

« U » shaped bottom
better sample circulation

MIXBAG Side Filter



REF : MIXW3003

Easy pipetting process

MIXBAG Full Filter



REF : MIXW3002

Filter porosity
<150 µm



	MIXBAG Standard	MIXBAG « U »	MIXBAG Side Filter	MIXBAG Full Filter
Nominal volume	400ml	400ml	400ml	400ml
Useful volume	400ml	400ml	400ml	400ml
Material	Polyethylene (PE) + Polyamide (PA) (extra resistance)		Polyethylene (PE)	
Filter	N/A	N/A	Non woven - Filter porosity <150µm	
Closure	Bio-Adhesive strip		N/A	N/A
Unit per pack	50 bags	50 bags	50 bags	50 bags
Bag per box	1000 bags	1000 bags	1000 bags	1000 bags
Dimensions	190 (W) x 300 (H) mm		190 (W) x 300 (H) mm	



Sterilized by irradiations / Food contact : compliant with FDA regulation and EU Directive 2002/72/EC

AIR SAMPLING



AIRWEL[®]

BIO-COLLECTORS

High performances :

- Airflow : 100L/min - 200L/min
- Safety management (with passwords)
- Service available for calibration and IQ/OQ protocol
- Full traceability (GMP/GLP - Import/Export data)
- Airflow check available
- Gas adapter available

User-friendly :

- Fully hermetic : IP65 dust and water protection
- Battery charger : Wireless - 30 000L autonomy
- Very light : 1.6kg
- Adaptable : 90mm & 55mm Petri dishes





Standardised sampling

Regular and calibrated airflow (100 or 200L/min) on Petri dishes (90 mm or 55 mm contact plates)



Easy to handle

Take it anywhere with its ultra-light weight of 1.6 kg or use an optional tripod



Adaptable



It can be used with **Stainless Steel grids**, **autoclavable Polycarbonate grids**, or **daily use grids** (sterile and double packed)



Airflow Auto-test



Check your unit's air flow at any time during the year with the self-test system (optional)

Special gas unit



Check the airflow from your gas source thanks to **the stainless steel gas system** (optional)



Full Traceability



Build-in Bluetooth module, allowing the extraction of all the sampling data : Operator ID, Plate ID, volume...

Delivered with the AIRWEL : Charger 18V/15W (BCLO2016), Stainless steel grid, Grid cover in stainless steel (BCLO2025), Bluetooth module incorporated, light case (BCLO2014), Penguin vertical holder (BCLO2042), Screw cap cover for battery connector (BCLO2021), User Manual, Calibration certificate.

Delivered with the AIRWEL+ : Induction base (with selftest bench incorporated if BCLO1078-79-80-81), Stainless steel grid 90mm or 55mm (BCLO3001 or BCLO3002), Bluetooth module incorporated, Rigid transport case (BCLO2013), Grid cover in stainless steel (BCLO2025), User Manual, Calibration certificate.

TECHNICAL DATA SHEET	AIRWEL	AIRWEL+
Bluetooth module	✓	✓
PC software	✓	✓
App. Android (PC/smartphone/tablet)	✓	✓
Auto-test (option)		✓
A.B.E. or dealer calibration	✓	✓
Cascade password		✓
Wireless induction charger		✓
Battery autonomy	30 000 L	
Type of dishes	90 mm or 55 mm	
Type of heads	Stainless steel or Disposable polyester	
Airflow	100L or 200L / min	
Transport case	Light	Rigid
Multi-mode aspirating cycles	Uninterrupted / Fragmented	
Antigerm painting	✓	✓
IP65		✓
Compacity (D x W x H)	150 x 130 x 330 mm	
Weight	90 mm or 55 mm	
Power supply	1.6 kg	
Warranty	120-230 V - 50-60Hz / 120 W	
Country of origin	France - European Union	

DILUWEL 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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EQUIPEMENT - REAGENTS - CONSUMABLES
ADAPTED FOR INDUSTRIAL MICROBIOLOGY LABORATORIES



A CONNECTED EQUIPMENT GENERATION
FOR TRACEABILITY AND PRODUCTIVITY



MORE THAN 85 INTERNATIONAL DISTRIBUTORS
TRAINED TO THE LATEST A.B.E. TECHNOLOGIES



A DEDICATED AND EXPERIENCED TEAM
OF SERVICE ENGINEERS AND MICROBIOLOGISTS



**REPRESENTED IN OVER
85 COUNTRIES**