



Discover the Lab Automation

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AUTOMATED MEDIA PREPARATION

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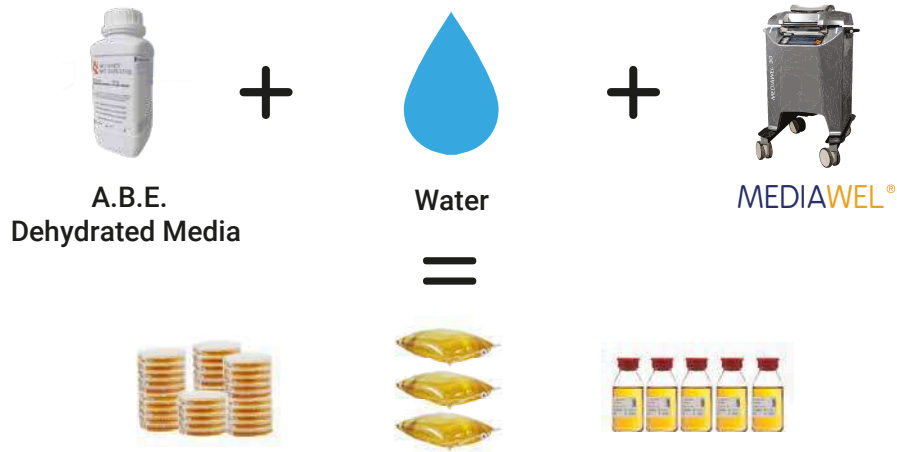
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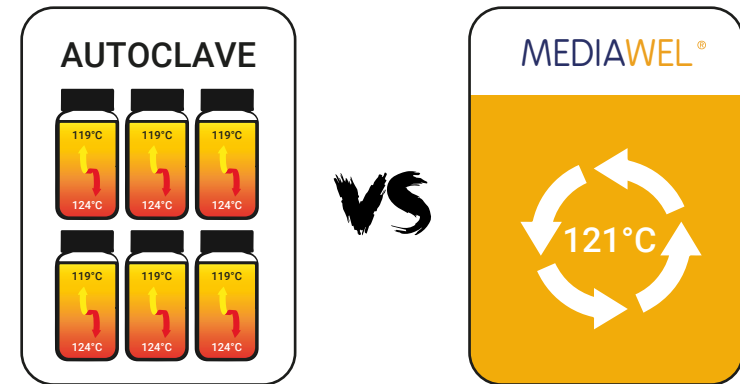
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SIMPLIFY

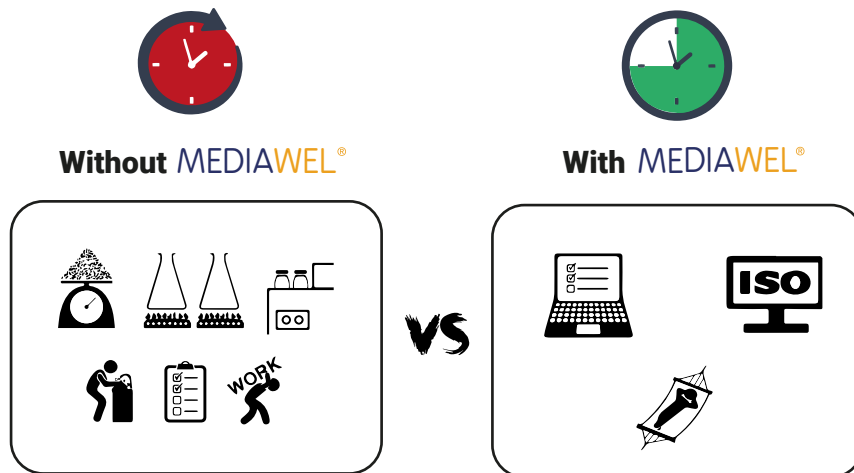


HOMOGENEITY

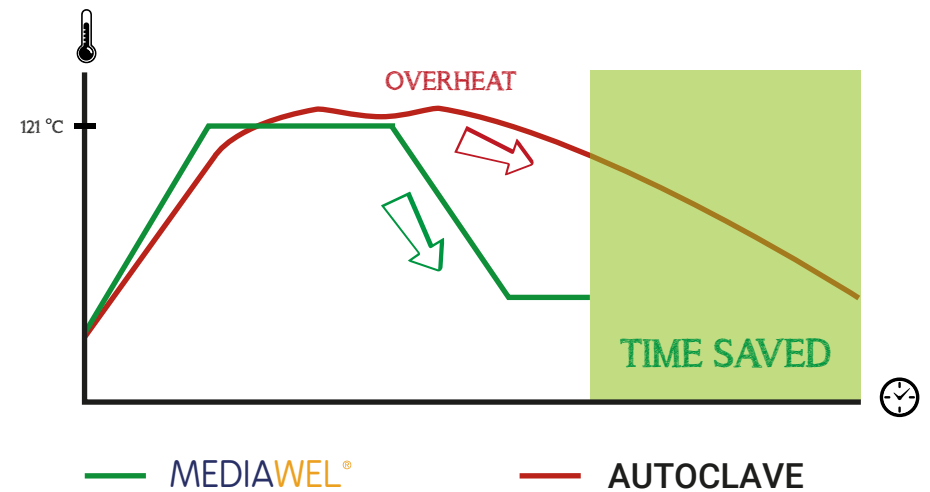


ALL IN ONE MEDIA PREPARATION

TIME SAVING



FAST COOLING SYSTEM



MEDIA PREPARATOR

All in one media preparation !

MEDIAWEL 10[®]

Double magnetic stirring blade :

Large surface for an optimum temperature homogeneity



Transparent safety lid

Locked above 80°C

Audit trail

CFR21 PART 11

Bactystopper[®] filtration

Inside the vessel



e-TRACE[®] technology



Easy cleaning

No valve, removable bucket

Direct and smooth evacuation with dedicated space for a bowl



Standardize your media

With 50 programs available

7" LCD touchscreen

Gloves friendly



Multicolored visual alarm

Data export by USB or in real time through the Labpage[®] online service

Up to 10 000 cycles saved



Trolley with medical wheels

Lockable on the front, easily slid under the bench



PERFORMANCES



From 1 to 12 liters



45 - 75 min



25-123 °C / ± 0.5 °C

OPTIONS - MEDIAWEL 10[®]

LABPAGE[®]

Get the real time data monitoring from your PC



OR **Ticket printer**
(MEDW2102) :



(ref: MEDW3010 – 1 year / ref: MEDW3011 – 3 years)



You need to dispense in another room ?

Quick water connection kit
(MEDW2002) :



Trolley with medical wheels (MEDW2101) :



Easily slid under
the bench

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[®]

TECHNICAL DATA SHEET

Media preparation capacity	1-12L (from 10 to 12L, the Mediawel shouldn't be moved)
Sterilization temperature	From 30 to 123 °C
Sterilization time	From 1 to 99 min
Distribution temperature	From 25 to 80°C
Temperature accuracy	± 0.5°C after temperature stabilization
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)
Passwords access	✓
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	6.4 mm / 12 mm
Continuous homogenization	Double magnetic stirring blade, 0-7 speed (from 40 to 60 RPM)
Touchscreen	Tactile, LCD 7"
Alarm	Multicolored visual alarm
Cleaning	Removable bucket, direct and smooth water bath evacuation (without valve)
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 – 3150 W
Country of origin	France - European Union
Warranty	1 year

Special Lid :



Safety lock with 12 hooks !

Large stirrer :



Better homogeneization !

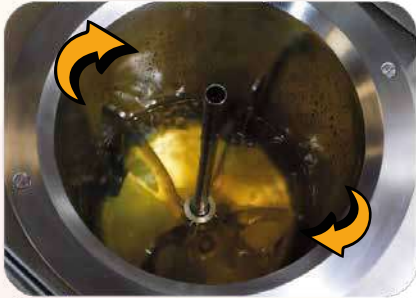
MEDIA PREPARATOR

Prepare up to 30L of media

MEDIAWEL 30[®]



Safety lid
Locked above 80°C



Large stirrer
From liquid to viscous media



e-TRACE[®] technology



Easy to move
Large medical wheels



Multicolored visual alarm

7" LCD touchscreen
Gloves friendly

Antishock body
ABS PC PLASTIC



Easy cleaning
Trapdoor to access the vessel

PERFORMANCES



From 2.5 to 30 liters



60 - 90 min



25-125 °C / ± 0.5 °C

TRACEABILITY WITH YOUR MEDIAWEL[®]

Each cycle is exported (PDF/CSV) to your USB key :



REAL TIME DATA MONITORING Labpage[®] Real time data monitoring through WIFI/Ethernet, connected to your PC / Smartphone / Tablet :

Dashboard for the live monitoring : program settings, temperature settings and current temperature, alarms and notifications ...



Cycles are automatically recorded and stored. Recall them one by one or sort them out by batch number, date, user ...



*SD card included - up to 10 000 cycles data storage

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), Bactystopper - 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"

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	<130ml
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	Media : 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
High 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 x 1053 mm
Warranty	1 year
Power supply	400V +/- 10% - 50/60 Hz - 17A (by phase) - 9000 W or 208V +/- 10% - 50/60 Hz - 9A (by phase) - 2070 W
Country of origin	France - European Union

MEDIAWEL 30®

Quick water connection kit (MEDW2002) :



Quick and easy water connection from one room to another !

MEDIAWEL Dust cover (MEDW2021) :



Avoid volatile powder !

PETRI DISHES FILLER

An industrial tool for all laboratories

DISTRIWEL®



Walkaway device
Up to 440 dishes in 30 minutes



Dispensing accuracy +/- 1%



High production throughput



Compatible with most Petri dishes



Touchscreen LCD 7"
Gloves friendly

Built-in Peltier cooling effect
Reduces condensation and solidification time

Aerobiocontamination prevention
During distribution with UV lamp and plexiglas cover

In-line blood addition
Option

Multicolored visual alarm

Integrated bubble level 
To warranty a flat poured media



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)

TECHNICAL DATA SHEET

Petri dishes per hour	Up to 880
Distribution modes	Automatic with carousel 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	± 1 %
Distribution volume	1 - 99ml
Stack plates function	✓
Peristaltic pump	Integrated Masterflex® pump (double pump in option)
Programs	40
Touchscreen	Tactile, LCD 7"
Traceability	Ink jet printer on the Petri dish sides (also possible from the bottom of the dish, on demand).
Footswitch (for manual distribution)	✓ (option)
Dimensions (L x l x H)	689 x 808 x 940 mm
Weight	48 kg
Power supply	115 or 230 V - ± 10% - 50/60 Hz - 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

DISTRIWEL®

Blood addition kit (DISW1001P) :



Inkjet Printer (LINX8900) :



Print up to 15 characters (2 lines)
on the side of the Petri dish.

PETRI DISH WRAPPER

Pack your Petri dishes

MINIMA®

Order it with your **Distriwel®**



Adequate film
optimal solution to avoid condensation



..... **Packs your petri dishes in packs of 10**
(one column of 10 or two columns of 5)



Programs
10 predefined



Wrapping machine Minima - Packs your petri dishes

YouTube

Wrapping film (delivered with)	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



PERISTALTIC PUMP

Small and efficient

DOSYWEL®

Quick and easy calibration

Calibration reminder at the beginning of the cycle or during the distribution
Up to 1% of precision/accuracy

3 ways to distribute

- Manual
- Automatic
- Footswitch



- **Fingerstop™ design**
- Avoid cross-contamination



Speed

9ml	→	1 second
18ml	→	3 seconds
225ml	→	10 seconds



Compact and light

Easily transportable with its handle
Small footprint

3.3 kg



IT WILL FOLLOW YOU ANYWHERE !



Delivered with the DOSYWEL : User Manual, power chord, Tubing set 3.2mm with dispensing nozzle (ref : DOSW2003)

DOSYWEL®

TECHNICAL DATA SHEET

Distribution	Manual, automatic or with footswitch
Adjustable volume	0.1 to 9999 mL
Adjustable speed	1-130% - 10-550 rpm
Calibration	Easy and fast at the beginning of a cycle and/or each X doses
Pause time	0.1 to 99 seconds
Rotation way	Left or right
Programs	20
Connectivity	USB port and Ethernet
Internal tube dimensions	1.6mm / 3.2mm / 4.8mm / 6.4mm Versilion™ - rotor Pumpsil™
Dimensions (W x H x D)	250 x 190 x 210 mm
Weight	3.3 kg
Power supply	100-250v - 50/60 Hz - 90W
Warranty	1 year
Country of origin	France - European Union

Choose the good set of tubing according to your needs :

Tube Ø (mm)	9ml	18ml	225ml	Flow(ml/min)	Repeatability (± ml)
Ø 1.6 (DOSW2006)	± 0.037 ml	± 0.037 ml	± 0.037 ml	102	0.007
Ø 3.2 (DOSW2003)	± 0.159 ml	± 0.159 ml	± 0.159 ml	406	0.055
Ø 4.8 (DOSW2002)	± 0.365 ml	± 0.365 ml	± 0.365 ml	936	0.06
Ø 6.4 (DOSW2001)	± 0.53 ml	± 0.53 ml	± 0.53 ml	1271	0.07

FOOTSWITCH (DILW2013) :



DOSYWEL from ABE - My impressions



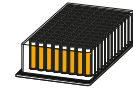
AUTOMATIC TUBES AND BOTTLES FILLER

Versatility, accuracy and speed

POLYWEL 3D[®]



1000 tubes per hour / per run*





8 racks of 120 tubes or 4 racks of 250 tubes*

3D driven

Flexible and adaptable to your different containers

Distribution nozzles :

Ø 3mm : accuracy 
Ø 6mm : speed 

Autoclavable racks

To be loaded directly from its original package

End of the cycle light indicator

Up to 20 programs, quick to start

- Accuracy from 5ml : ± 0.1 ml
- Calibration at the beginning of the run
- Calibration during the run

Easy cleaning

stainless steel surface



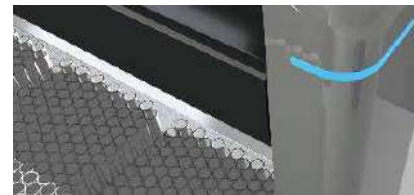
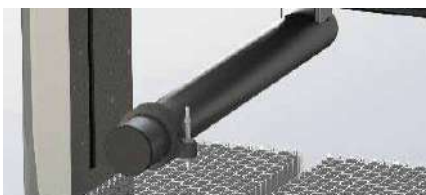
* Ø 18mm tubes (9 ml)



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)

TECHNICAL DATA SHEET

Distribution volume	From 1 to 9999.9ml
Tubes per hour (Ø 18mm)	1000
Tubes per rack (Ø 18mm)	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 : between 115 and 250mm Width : up to 190mm Depth : up to 390mm
Dimensions	1130 x 600 x 610 mm
Power supply	120 – 240V (±10%) 50 – 60 Hz / 160W
Warranty	1 year
Country of origin	European Union - France



POLYWEL 3D®

Distribution of media, diluent or other liquids in tubes, bottles, Petri dishes, square dishes ...



PRODUCT CODE AND DESCRIPTION

DSHB3001	Tryptic Soy Agar (TSA) (500 gr)	DSHB3021	D-Cycloserine Supplement (10 x 500 ml)
DSHB3002	Tryptic Soy Broth (TSB) (500 gr)	DSHB3022	Desoxycholate Agar (500 g)
DSHB3003	Sabouraud Dextrose Agar (SDA) (500 gr)	DSHB3023	Kligler Iron Agar (500 g)
DSHB3004	Buffered Peptone Water pH = 7 (500 gr)	DSHB3024	LT100 Broth (500 g)
DSHB3005	Pharmacopoeia Diluent (500 gr)	DSHB3025	Müller-Kauffmann Tétrathionate Novobiocine Broth (MKTn) (500 g)
DSHB3007	Mac Conkey Agar (500 gr)	DSHB3026	Mossel Broth (500 g)
DSHB3008	Mac Conkey Broth (500 gr)	DSHB3027	Man-Rogosa-Sharpe Agar (MRS) (500 g)
DSHB3009	R2A Agar (500 gr)	DSHB3028	MYP Bacillus cereus Agar (500 g)
DSHB3010	Cetrimide Agar (Pseudomonas Selective Agar) (500 gr)	DSHB3029	Bromocresol Purpule Glucose Agar (500 g)
DSHB3011	Xylose Lysine Desoxycholate Agar (XLD) (500 gr)	DSHB3030	OGYE Agar (500 g)
DSHB3012	Mannitol Salt Agar (500 gr)	DSHB3031	Listeria Oxford Agar (to be ordered with DSHB3051) (500 g)
DSHB3013	Nutrient Agar (500 gr)	DSHB3032	Listeria Palcam Agar (to be ordered with DSHB3052) (500 g)
DSHB3014	Rappaport-Vassiliadis Broth (RVS) (5 KG)	DSHB3033	Bolton Broth Campylobacter (to be ordered with DSHB3053) (500 g)
DSHB3015	Brilliant Green Bile Broth (BGBLB) (500 g)	DSHB3034	Tryptic Glucose Yeast Agar (PCA) (500 g)
DSHB3016	Brain Heart Infusion Agar (500 g)	DSHB3035	Potato Dextrose Agar (PDA) (500 g)
DSHB3017	Columbia Agar (500 g)	DSHB3036	Sabouraud Broth (500 g)
DSHB3018	Fraser Broth (500 g) (to be ordered with DSHB3049 or DSHB3050)	DSHB3037	Sabouraud Dextrose Agar (SDA) + chloramphenicol (500 g)
DSHB3019	Lyophilised Rabbit Plasma Fibrinogen (RPF Supplement) (4 x 100 ml)	DSHB3038	Tryptone Bile X-Glucuronide Agar (TBX) (500 g)
DSHB3020	Pseudomonas CFC Supplement (10 x 500 ml)	DSHB3039	TCBS Kobayashi Agar (500 g)



PRODUCT CODE AND DESCRIPTION

DSHB3040	Thioglycolate Broth (500 g)
DSHB3041	Peptone Salt Broth (500 g)
DSHB3042	Tryptone-Sulfite Cycloserine Agar (TSC) (to be ordered with DSHB3021) (500 g)
DSHB3043	Violet Red Bile Glucose Agar (VRBG) (500 g)
DSHB3044	Violet Red Bile Lactose Agar (VRBL) (500 g)
DSHB3045	Chloramphenicol Glucose Yeast Extract Agar (YGC) (500 g)
DSHB3046	Bile Esculine Azide Agar (500 g)
DSHB3047	Endo Agar (500 g)
DSHB3048	Buffered Peptone Water pH7.2 (500 g)
DSHB3049	Fraser Selective Supplement (10 x 500 ml)
DSHB3050	Fraser Half Selective Supplement (10 x 225 ml)
DSHB3051	Oxford Antimicrobial Supplement (10 x 500 ml)
DSHB3052	Palcam Antimicrobial Supplement (10 x 500 ml)
DSHB3053	Bolton Broth Selective Supplement (10 x 500 ml)
DSHB3054	Mueller Hinton (500 g)
DSHB3055	Rappaport Vassiliadis Soy Broth (RVS) (500 g)
DSHB3056	Columbia Agar Base (500 g)



FEED YOUR MEDIAWEL[®]!



GRAVIMETRIC DILUTER

Combine speed & accuracy

DILUWEL®

Fingerstop™ nozzle

Limited cross contamination while nozzle handling



Compact and light!



8kg and 50% more compact than its competitors

Ideal under biosafety cabinet

Intuitive COLOR CODE

Make sure that your dilutions are conform :



Set the intervals of your initial and final weights, upon your requirements*

Separated "plug and play" pumps (up to 4)



Less vibrations = higher accuracy = faster dispensing

Dispensing for 225ml

- 12 seconds
- 9 seconds (turbo)



PATENTED vertical weighing tray >99% accuracy

3 points for higher stability and accuracy



Perfect cleaning

Stainless steel base and bag holder



LET'S GO FOR A DILUTER THAT RESPECTS THE 2% ACCURACY (ISO 6887-1 : 2017)

Integrated bubble level
With adjustable feet



* Following ISO6887-1 : 2017, ± 5% of the initial weight / ± 2% of the final weight.

Delivered with the DILUWEL : User Manual, power chord, Dilupump (DILW2001), complete tubing set 6.4mm without priming nozzle (DILW2002), Patawel + long life non-sticky pads x6 (DILW3010), Bag Holder 400 (DILW2015), Quality Control Certificate / Metrology report, a pack of MIXBAGS blender bags.

DILUWEL®

TECHNICAL DATA SHEET

Fast & accurate dispensing	12 sec. for 225ml / (9 sec in turbo mode)
Dilution accuracy	>99%
Turbo mode	✓
Integrated bubble level	✓
Motorized dispensing nozzle	✓
Editable programs	20
Weighing range	0.1g to 4000g
Dilution factor	1.00 to 1/100.00
Dispensing modes	Dilution / Dosage
Stainless steel bag holder – extended lifetime	✓
Watertight base – easy to clean	✓
2 USB ports – 1 for upgrades / 1 for Etrace connections	✓
Plug and play removable pumps	4
Interactive display (color codes)	✓
Capacity (D x W x H)	275 x 250 x 400 mm
Weight	8 kg
Electricity supply / Power	100 - 240 V / 50 - 60 Hz / 120W
Warranty	1 year
Country of origin	France - European Union

Additional pumps (ref: DILW2001) :



Plug and play pumps. Add up to 4 !

Diluboard (ref: DILW2022) :



Metrology platform with A.B.C positions



DILUWELEDGE®
Gravimetric dilutor for cosmetics

OPTIONS - DILUWEL®



READY TO USE BROTH

The chef's suggestions !

PRODUCT CODE AND DESCRIPTION

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

BAGGYWEL®



LABORATORY BLENDER

Handy and efficient

MIXWEL®



Silent and vibration free
<48 db



Extreme compactness
Space optimization of your bench



Pendular system
Patented pendular blending delivers up to 70 kg pressure/paddle



Adapted to your matrix



Compact and light



Lightest of the market!
Easy to move

14 kg



Easy to clean

Quick removal of the door
Removable paddles
Waste tank integrated into the door



Delivered with the MIXWEL : User Manual, power chord, a pack of MIXBAGS blender bags

TECHNICAL DATA SHEET	MIXWEL	MIXWEL+
Pendular blending power	Up to 70 kg / paddle	
Capacity	50 mL to 400 mL	
Noise level	< 48 db	
Progressive blending adapted to the matrix		✓
Adjustable speed		✓
Low vibrations	✓	✓
Removable door / paddles	✓	✓
Stainless steel paddles	✓	✓
Adjustable paddles to the matrix		3 positions
Waste tank integrated	✓	✓
Compacity (WxDxH)	220x410x340 mm	
Weight	14 kg	
Power supply	100-240V / 50-60 Hz 120W	
Warranty	1 year	
Country of origin	France - European Union	

MIXWEL®

Bag rack (MIXW2002) :

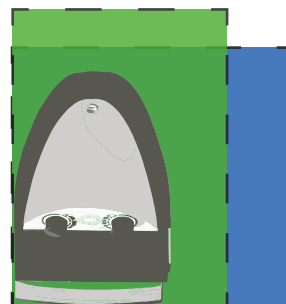
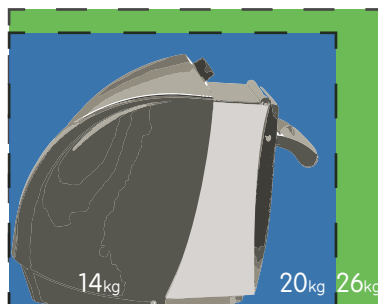


EASY TO CLEAN



« How to clean a Mixwel »

Save space on your bench :



14kg A.B.E.



26kg Competitor 1

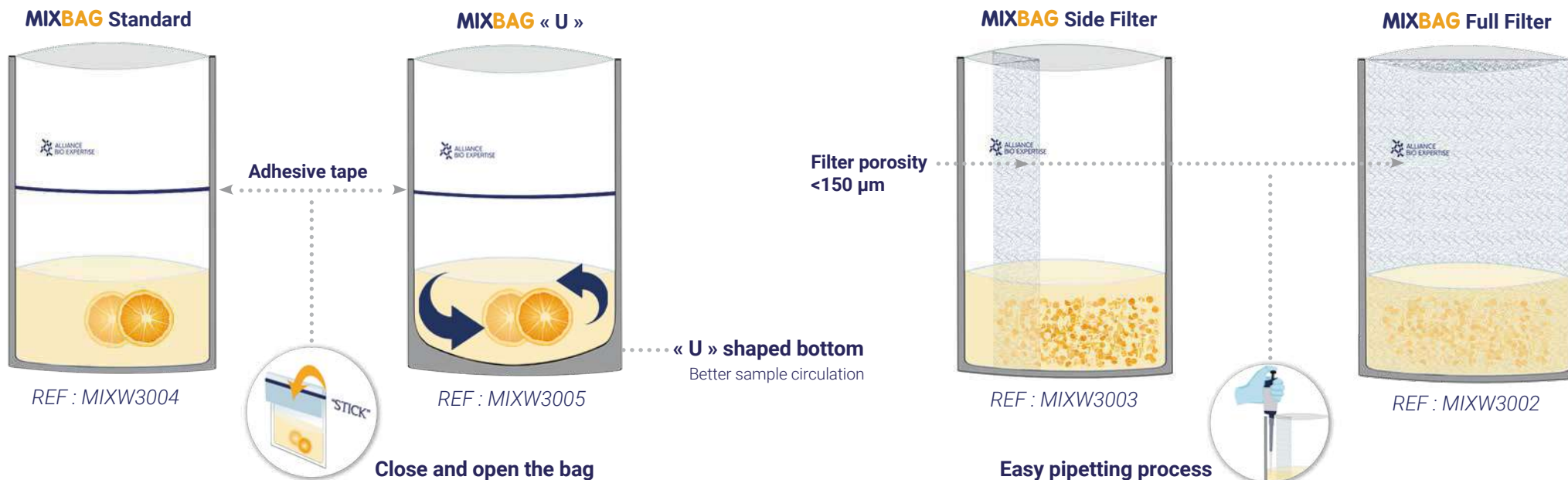


20kg Competitor 2

STERILE BLENDER BAGS

Perfectly fits with MIXWEL® & DILUWEL® !

MIXBAGS®



	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 <math>< 150 \mu\text{m}</math>	
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	1500 bags	1500 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

BIO-COLLECTORS

Accelerate your air sampling

AIRWEL®



AUTO-TEST (option)

In situ airflow check
Check your airflow whenever you like !



GAS STATION (option)



Compressed gas adapter

Safety management

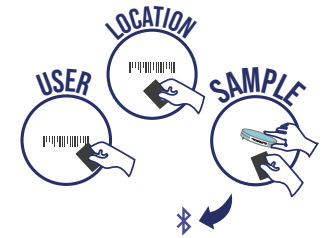
Cascade password
3 levels :
Operator - Manager - Service

Full traceability

GMP/GLP - 21 CFR PART 11

Import data

Bluetooth bar code scan



Fully hermetic

IP65 dust and water protection

Services

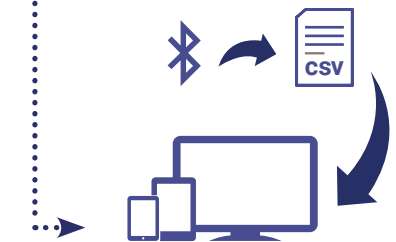
Manufacturer or dealer calibration
Qualification : IQ/OQ protocol

Battery charger

Wireless - 10h autonomy



Export data



Light and compact

1.6 kg

Petri dish : 90mm-55mm

Airflow : 100L/min - 200L/min



**INCREASE YOUR PRODUCTIVITY
WITH 200L/MIN !**



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 BCL01078-79-80-81), 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.

AIRWEL®

COMPLIANCE	AIRWEL	AIRWEL+
IP65		✓
ISO14698 / ISO17025	✓	✓
USP797 / USP116	✓	✓
EU GMP / GLP	✓	✓
21 CFR PART 11		✓
TRACEABILITY		
Bluetooth module	✓	✓
PC software	✓	✓
App. Android (PC/smartphone/tablet)	✓	✓
CALIBRATION		
Auto-test (option)		✓
A.B.E. or dealer calibration	✓	✓
BENEFITS		
Cascade password		✓
Wireless induction charger		✓
Battery autonomy	More than 10 hours	
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	✓	✓
DIMENSIONS		
W x H x D	130 x 330 x 150 mm	
Weight	1.6 kg	
Power supply	120-230 V - 50-60Hz / 120 W	
Country of origin	France - European Union	France - European Union

Additional S/S grid 90mm (ref: BCLO3001) :



Daily shift grids 90mm (ref: BCLO3005) :



Box of 27 units (including the certificate of sterility)

Tripod (ref: BCLO2006) :



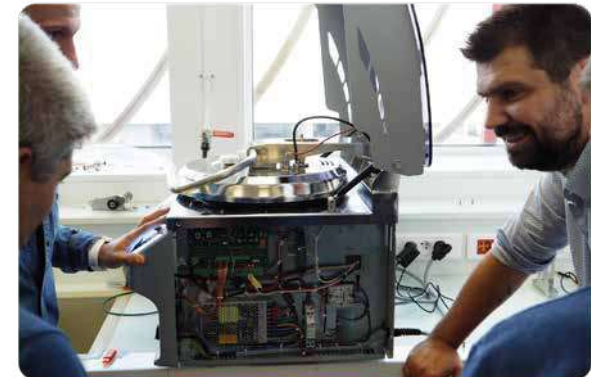
TECHNICAL SUPPORT

- **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, skype 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 !

Air sampler calibrations



Maintenance



Installation



Remote diagnostics



Technical training



ACCESSORIES - CONSUMABLES - SPARE PARTS

MEDIAWEL 10[®] - ACCESSORIES



Reference	Designation	Quantity	Box dimension	Gross weight
MEDW2102	Ticket Printer	1	12 x 12 x 12 cm	0.700 kg
MEDW2101	Trolley	1	67 x 74 x 37 cm	25 kg
MEDW2103	Sampling Tube	1	45 x 45 x 10 cm	0.390 kg
MEDW2105	Stirrer	1	20 x 20 x 15 cm	0.600 kg
MEDW2002	Quick water connector kit	2	20 x 14 x 14 cm	0.530 kg
MEDW2106	Draining basin	1	40 x 40 x 10 cm	0.610 kg



MEDW2101

MEDIAWEL 10[®] - CONSUMABLES



Reference	Designation	Quantity	Box dimension	Gross weight
MEDW3003	BACTYSTOPPER - Hydrophobic Carded cotton filters	50	12 x 12 x 12 cm	0.100 kg



MEDW2106

MEDIAWEL 10[®] - SPARE PARTS



Reference	Designation	Quantity	Box dimension	Gross weight
MEDW4510	Annual maintenance kit	1	40 x 40 x 10 cm	0.600 kg
MEDW4100	Stirrer bearing kit	1	Envelope	0.001 kg
MEDW4101	Sampling tube O ring	5	Envelope	0.005 kg
MEDW4102	Lid seal	1	40 x 40 x 10 cm	0.870 kg
MEDW4103	Adding cap O ring	2	Envelope	0.003 kg



MEDW4102

MEDIAWEL 10[®] - QUALIFICATION FILES



Reference	Designation	Quantity	Box dimension	Gross weight
MEDW4101	Qualification protocol IQ/OQ (English)	1	-	-
MEDW4102	Qualification protocol IQ/OQ (French)	1	-	-



MEDW4101

MEDIAWEL 30[®] - ACCESSORIES



Reference	Designation	Quantity	Box dimension	Gross weight
MEDW4010	Additional temperature probe	1	Envelope	0.100 kg
MEDW2012	Reference Temperature probe with port adapter	1	40 x 40 x 10 cm	0.410 kg
MEDW2001	Reference probe adapter - specific for 6mm probe	1	12 x 12 x 12 cm	0.205 kg
MEDW2013	Sampling nozzle - 17,5 mm	1	12 x 12 x 12 cm	0.180 kg



MEDW2013

MEDW2020	Y distribution kit (for 2 tubings)	1	Envelope	0.100 kg
MEDW2003	Sampling nozzle - 12 mm	1	12 x 12 x 12 cm	0.160 kg
MEDW2004	Sampling nozzle - 6.4 mm	1	12 x 12 x 12 cm	0.200 kg
MEDW2007	Plug adapter (3*400V towards 230V single phase) (International standard) to single phase socket (IEC 60309) (only for dispensing phase)	1	20 x 20 x 15 cm	0.580 kg
MEDW2008	Magnetic stirrer	1	60 x 40 x 40 cm	2.775 kg
MEDW2009	Sampling tube	1	15 x 90 x 15 cm	1.065 kg
MEDW2010	Draining plug	1	20 x 14 x 14 cm	0.460 kg
MEDW2002	Quick water connector kit	1	20 x 14 x 14 cm	0.445 kg
MEDW2021	Dust cover	1	40 x 40 x 10 cm	0.440 kg
MEDW3008	In line water circuit filter	1	12 x 12 x 12 cm	0.350 kg
MEDW2005	Draining basin	1	45 x 35 x 25 cm	1.725 kg



MEDW2002



MEDW2021

MEDIAWEL 30® - CONSUMABLES

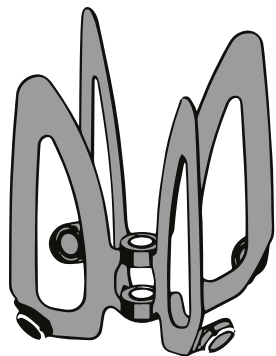


Reference	Designation	Quantity	Box dimension	Gross weight
MEDW3001	Decompression filters 50 mm (0.2µm) hydrophobic	5	12 x 12 x 12 cm	0.150 kg
MEDW3003	BACTYSTOPPER - Hydrophobic Carded cotton filters	50	12 x 12 x 12 cm	0.100 kg

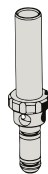
MEDIAWEL 30® - SPARE PARTS



Reference	Designation	Quantity	Box dimension	Gross weight
MEDW4005	Cover seal	1	Envelope	0.365 kg
MEDW4006	Seal for addition cap	1	Envelope	0.003 kg
MEDW4011	Sampling nozzle seals	2	Envelope	0.001 kg
MEDW4008	V ring seal on stirrer axis	1	Envelope	0.005 kg
MEDW4009	O ring seal on stirrer axis	1	Envelope	0.002 kg
MEDW4003V	Conical sliding washer stirrer axis - NEW Version From S/N 518106020	2	Envelope	0.010 kg
MEDW4003	Flat sliding washer stirrer axis - OLD VERSION Until S/N 518106020	2	Envelope	0.005 kg
MEDW4012	Inlet & outlet water tubing (4 meters) + 4 tubing clamps	1	40 x 40 x 40 cm	1.270 kg
MEDW4007	Stirrer bearing	2	Envelope	0.012 kg



MEDW2008



MEDW2010

MEDIAWEL 30® - MAINTENANCE KIT



Reference	Designation	Quantity	Box dimension	Gross weight
MEDW4500	ANNUAL MAINTENANCE KIT - MEDIAWEL 30 - includes : MEDW4003V - MEDW4004 - MEDW4005 - MEDW4006 - MEDW4007 - MEDW4008 - MEDW4009 - MEDW4019 - MEDW4041	1	42 x 42 x 11 cm	0.900 kg

MEDIAWEL 30® - QUALIFICATION FILES



Reference	Designation	Quantity	Box dimension	Gross weight
MEDW4001	Qualification protocol IQ/OQ (English)	1	-	-
MEDW4002	Qualification protocol IQ/OQ (French)	1	-	-



MEDW4001

DISTRIWEL® - ADDITIONAL TUBING



Reference	Designation	Quantity	Box dimension	Gross weight
DISW2005	Set of tubing 4.8mm with dispensing nozzle	1	Envelope	0.200 kg
DISW2009	Set of tubing for blood addition - (DISW2010 + 1/3 x DISW3003)	1	Envelope	0.060 kg
DISW3006	Bulk classic tubing 6.4mm - 25 meters	1	40 x 40 x 10 cm	1.780 kg
DISW3001	Precut rotor tubing 4.8mm	5	Envelope	0.050 kg
DISW3003	Bulk blood tubing 1.6mm - 5 meters	1	Envelope	0.115 kg
DISW3002	Inner connector 6.4 to 4.8mm	1	Envelope	0.005 kg
DISW2006	Dispensing nozzle	1	Envelope	0.080 kg
DISW2010	T adapter (glass)	1	12 x 12 x 12 cm	0.080 kg



DISW2005

DISTRIWEL® - PRIMING NOZZLES



Reference	Designation	Quantity	Box dimension	Gross weight
DILW2006	Priming nozzle for broth bottle Ø 3cm neck (with filter)	1	40 x 40 x 10 cm	0.250 kg
DILW2040	Priming nozzle for broth bottle Ø 2cm neck (with filter)	1	40 x 40 x 10 cm	0.070 kg



DISW2010

DISTRIWEL® - CONSUMABLES (MAINTENANCE KIT)



Reference	Designation	Quantity	Box dimension	Gross weight
DISW4028	U.V lamp (400 hours use)	1	25 x 25 x 10 cm	0.300 kg
DISW4003	Flipper springs (yearly maintenance)	2	12 x 12 x 12 cm	0.060 kg



DISW4028

DISTRIWEL® - QUALIFICATION FILES



Reference	Designation	Quantity	Box dimension	Gross weight
DISW4001	Qualification protocol IQ/OQ (English)	1	-	-
DISW4002	Qualification protocol IQ/OQ (French)	1	-	-



DISW4001

POLYWEL® - ACCESSORIES



Reference	Designation	Quantity	Box dimension	Gross weight
POLW2000	Polypump 3D	1	28 x 40 x 32 cm	4.000 kg
POLW2001	Rack 120	1	25 x 25 x 20 cm	1.145 kg
POLW2002	Rack 250	1	45 x 35 x 25 cm	1.770 kg
POLW2003	Angled loading rack holder	1	25 x 25 x 20 cm	1.185 kg
POLW2004	Set of tubing 1.6 mm (without dispensing nozzle)	1	Envelope	0.250 kg
POLW2005	Set of tubing 3.2 mm (without dispensing nozzle)	1	Envelope	0.300 kg
POLW2006	Set of tubing 6.4 mm (without dispensing nozzle)	1	Envelope	0.350 kg
POLW2007	Set of tubing 1.6 mm (with dispensing nozzle)	1	Envelope	0.450 kg
POLW2008	Set of tubing 3.2 mm (with dispensing nozzle)	1	Envelope	0.500 kg
POLW2009	Set of tubing 6.4 mm (with dispensing nozzle)	1	Envelope	0.550 kg
POLW2010	Dispensing nozzle 1.6 mm	1	Envelope	0.200 kg
POLW2011	Dispensing nozzle 3.2 mm	1	Envelope	0.200 kg
POLW2012	Dispensing nozzle 6.4 mm	1	Envelope	0.200 kg
POLW2013	Dispensing nozzle holder	1	Envelope	0.350 kg



POLW2001



POLW2007



POLW2008

DOSYWEL® - ADDITIONAL TUBING



Reference	Designation	Quantity	Box dimension	Gross weight
DOSW2001	Set of tubing 6.4 mm with dispensing nozzle for DOSYWEL	1	Envelope	0.180 kg
DOSW2002	Set of tubing 4.8 mm with dispensing nozzle for DOSYWEL	1	Envelope	0.175 kg
DOSW2003	Set of tubing 3.2 mm with dispensing nozzle for DOSYWEL	1	Envelope	0.165 kg
DILW3001	Precut rotor tubing 6.4 mm	5	Envelope	0.052 kg
DILW3002	Precut rotor tubing 4.8 mm	5	Envelope	0.048 kg
DILW3003	Precut rotor tubing 3.2 mm	5	Envelope	0.040 kg
DILW3007	Bulk rotor tubing 6.4 mm - 5 meters	1	20 x 20 x 15 cm	0.400 kg
DILW3008	Bulk rotor tubing 4.8 mm - 5 meters	1	20 x 20 x 15 cm	0.235 kg
DILW3009	Bulk rotor tubing 3.2 mm - 5 meters	1	20 x 20 x 15 cm	0.290 kg
DILW3102	Inner connector 6.4 to 6.4 mm	1	Envelope	0.003 kg
DILW3101	Inner connector 6.4 to 4.8 mm	1	Envelope	0.002 kg
DILW3103	Inner connector 6.4 to 3.2 mm	1	Envelope	0.012 kg
DILW3014	Classic tubing 6.4 mm - 5 meters	1	20 x 20 x 15 cm	0.400 kg



DOSW2002



DILW3001

DOSYWEL® - PRIMING NOZZLES



Reference	Designation	Quantity	Box dimension	Gross weight
DILW2006	Priming nozzle for broth bottle Ø 3cm neck (with filter)	1	Envelope	0.100 kg
DILW2040	Priming nozzle for broth bottle Ø 2cm neck (with filter)	1	Envelope	0.067 kg
DILW2007	Trocar (connector) for broth bags	1	Envelope	0.030 kg



DILW2007

DOSYWEL® - ACCESSORIES



Reference	Designation	Quantity	Box dimension	Gross weight
DILW2031	Bar code / QR code reader (1D/2D) for DILUWEL+	1	25 x 25 x 20 cm	0.740 kg
DILW2011	Ticket printer (USB)	1	30 x 23 x 22 cm	3.200 kg
DILW3005	Ticket printer rolls - 2100 labels	3	20 x 14 x 14 cm	2.270 kg
DILW2013	Foot switch (USB)	1	15 x 20 x 6 cm	0.290 kg
DILW2012	Keypad for Diluwel/Dosywel	1	20 x 14 x 14 cm	0.180 kg
DILW2001	Additional pump (Up to 4 by equipment)	1	60 x 40 x 20 cm	4.000 kg



DILW2013

DOSYWEL® - QUALIFICATION FILES



Reference	Designation	Quantity	Box dimension	Gross weight
DOSW3001	Qualification protocol IQ/OQ (English)	1	-	-
DOSW3002	Qualification protocol IQ/OQ (French)	1	-	-



DOSW3001

DILUWEL® - ADDITIONAL TUBING



Reference	Designation	Quantity	Box dimension	Gross weight
DILW2002	Set of tubing 6.4mm with dispensing nozzle for DILUWEL	1	Envelope	0.205 kg
DILW2003	Set of tubing 4.8mm with dispensing nozzle for DILUWEL	1	Envelope	0.185 kg
DILW2004	Set of tubing 3.2mm with dispensing nozzle for DILUWEL	1	Envelope	0.210 kg
DILW2009	Set of tubing with dispensing nozzle for DILUWEL TURBO	1	Envelope	0.300 kg
DILW3001	Precut rotor tubing 6.4mm	5	Envelope	0.052 kg
DILW3002	Precut rotor tubing 4.8mm	5	Envelope	0.047 kg
DILW3003	Precut rotor tubing 3.2mm	5	Envelope	0.039 kg
DILW3007	Bulk rotor tubing 6.4mm - 5 meters	1	20 x 20 x 15 cm	0.400 kg
DILW3008	Bulk rotor tubing 4.8mm - 5 meters	1	20 x 20 x 15 cm	0.235 kg
DILW3009	Bulk rotor tubing 3.2mm - 5 meters	1	20 x 20 x 15 cm	0.290 kg
DILW3102	Inner connector 6.4 to 6.4mm	1	Envelope	0.003 kg
DILW3101	Inner connector 6.4 to 4.8mm	1	Envelope	0.002 kg
DILW3103	Inner connector 6.4 to 3.2mm	1	Envelope	0.012 kg
DILW3014	Classic tubing 6.4mm - 5 meters	1	20 x 20 x 15 cm	0.400 kg
DILW2035	Dispensing nozzle	1	Envelope	0.060 kg



DILW2006



DILW2035

DILUWEL® - PRIMING NOZZLES



Reference	Designation	Quantity	Box dimension	Gross weight
DILW2006	Priming nozzle for broth bottle Ø 3cm neck (with filter)	1	Envelope	0.100 kg
DILW2040	Priming nozzle for broth bottle Ø 2cm neck (with filter)	1	Envelope	0.067 kg
DILW2007	Trocar (connector) for broth bags	1	Envelope	0.030 kg
BGWR2001	Support stand for Baggywel (Broth bags)	1	60 x 40 x 30 cm	1.600 kg



BGWR2001

DILUWEL® - ACCESSORIES



Reference	Designation	Quantity	Box dimension	Gross weight
DILW2001	Additional pump (Up to 4 by equipment) delivered with set of tubing 6.4 mm	1	60 x 40 x 20 cm	4.000 kg
DILW2034	Stainless steel Bag holder for 400 ml bags	1	25 x 25 x 20 cm	1.275 kg
DILW2016	Large stainless steel bag holder for 1500 ml bags	1	25 x 25 x 20 cm	2.485 kg
DILW2017	Adjustable holder for flasks, bottles	1	25 x 25 x 20 cm	0.815 kg
DILW2022	Diluboard - Weighing platform for metrology	1	20 x 14 x 14 cm	0.185 kg
DILW3010	Patawel + (long life non-sticky pads)	12	Envelope	0.026 kg
BGWR2001	Baggyholder - Support stand for Baggywel (Broth bags)	1	60 x 40 x 20 cm	1.600 kg

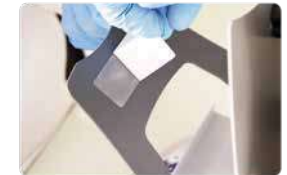


DILW2001

DILUWEL® - CONNECTIVITY ACCESSORIES



Reference	Designation	Quantity	Box dimension	Gross weight
DILW2031	Bar code / QR code reader (1D/2D)	1	25 x 25 x 20 cm	0.740 kg
DILW2011	Ticket printer (USB)	1	30 x 23 x 22 cm	3.200 kg
DILW3005	Ticket printer rolls - 2100 labels	3	20 x 14 x 14 cm	2.270 kg
DILW2012	Keypad for Diluwel/Dosywel	1	20 x 14 x 14 cm	0.180 kg
DILW2013	Foot switch (USB)	1	15 x 20 x 6 cm	0.290 kg
DILW2038	Clean Keyboard - Tactile wireless keyboard	1	60 x 40 x 20 cm	1.500 kg
DILW2039	Clean Keyboard - Tactile keyboard with wire	1	60 x 40 x 20 cm	1.500 kg



DILW3010



DILW2022

DILUWEL® - QUALIFICATION FILES



Reference	Designation	Quantity	Box dimension	Gross weight
DILW3011	Qualification protocol IQ/OQ (English)	1	-	-
DILW3012	Qualification protocol IQ/OQ (French)	1	-	-



DILW3011

MIXWEL® - ACCESSORIES

Reference	Designation	Quantity	Box dimension	Gross weight
MIXW2002	Bag rack (stainless steel - capacity for 14 bags)	1	45 x 35 x 25 cm	1.205 kg



MIXW2002

MIXWEL® - BLENDER BAGS

Reference	Designation	Quantity	Box dimension	Gross weight
MIXW3002	Mixbag Full Filter - 400ml blender bag	1500	40 x 60 x 25 cm	14.000 kg
MIXW3003	Mixbag Side Filter - 400ml blender bag with Side Filter page	1500	40 x 60 x 25 cm	14.000 kg
MIXW3004	Mixbag without filter - 400ml blender bags with bio-adhesive closure	1000	25 x 35 x 25 cm	8.000 kg
MIXW3005	Mixbag « U » without filter - 400ml blender bags with bio-adhesive closure	1000	25 x 35 x 25 cm	8.000 kg

AIRWEL® - ACCESSORIES

Reference	Designation	Quantity	Box dimension	Gross weight
BCLO2014	Light transport case	1	45 x 35 x 25 cm	1.600 kg
BCLO2013	Rigid transport case	1	60 x 40 x 20 cm	2.500 kg
BCLO2042	Penguin vertical holder	1	20 x 20 x 14 cm	0.300 kg
BCLO2006	Tripod with adapter	1	90 x 15 x 15 cm	3.600 kg
BCLO2025	Grid cover in stainless steel	1	20 x 14 x 14 cm	0.150 kg
BCLO2043	Gas station - Adapter for compressed gas control for AIRWEL	1	30 x 44 x 16 cm	3.700 kg



BCLO2013



BCLO2042

AIRWEL® - PC COMMUNICATION

Reference	Designation	Quantity	Box dimension	Gross weight
BCLO2002	Software for data transfer to PC	1	20 x 20 x 15 cm	0.030 kg

AIRWEL® - ACCESSORIES

Reference	Designation	Quantity	Box dimension	Gross weight
BCLO2004	App for ANDROID (data transfer to Smartphone/tablet)	1	-	-
BCLO2008	Bluetooth Barcode Reader	1	12 x 12 x 12 cm	0.110 kg
BCLO3011	Bluetooth tags cards predefined, LOCATION preset	10	Envelope	0.050 kg
BCLO3012	Bluetooth cards predefined, USER preset	10	Envelope	0.050 kg
BCLO2024	Bluetooth printer	1	12 x 12 x 12 cm	0.265 kg
BCLO3016	Roll paper width 57 mm, Ø 30 mm for Bluetooth® printer	10	20 x 20 x 15 cm	0.495 kg
BCLO2026	Key bluetooth for PC without Bluetooth connection	1	Envelope	3.700 kg



BCLO2006

AIRWEL® - ADDITIONAL GRIDS



Reference	Designation	Quantity	Box dimension	Gross weight
BCL03015	Blind grid in stainless steel	1	20 x 14 x 14 cm	0.110 kg
BCL03001	Additional Stainless Steel grid 90 mm	1	20 x 14 x 14 cm	0.110 kg
BCL03002	Additional Stainless Steel grid 55 mm	1	20 x 14 x 14 cm	0.110 kg
BCL03003	Additional Polycarbonate grids 90 mm	27	45 x 35 x 25 cm	2.051 kg
BCL03004	Additional Polycarbonate grids 55 mm	5	25 x 25 x 20 cm	0.900 kg
BCL03005	Polystyrene transparent grid 90 mm (daily shift)	27	45 x 35 x 25 cm	2.051 kg
BCL03006	Polystyrene transparent grid 55 mm (daily shift)	27	45 x 35 x 25 cm	1.600 kg



BCL02043



BCL02024

AIRWEL® - IQ/OQ



Reference	Designation	Quantity	Box dimension	Gross weight
BCL03014	IQ/OQ protocol (English version)	1	-	-
BCL03017	IQ/OQ protocol (French version)	1	-	-
BCL03024	IQ/OQ protocol Gas Station (English version)	1	-	-



BCL03001

AIRWEL® - CALIBRATION



Reference	Designation	Quantity	Box dimension	Gross weight
49000162	OCCASIONAL METROLOGY DELIVERY / AIRWEL	1	-	-
49000163	OCCASIONAL SERVICE DELIVERY / AIRWEL	1	-	-
49000162X	OCCASIONAL METROLOGY DELIVERY FOR ADDITIONAL GRID / AIRWEL	1	-	-



BCL03003



BCL03014

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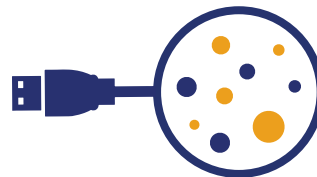
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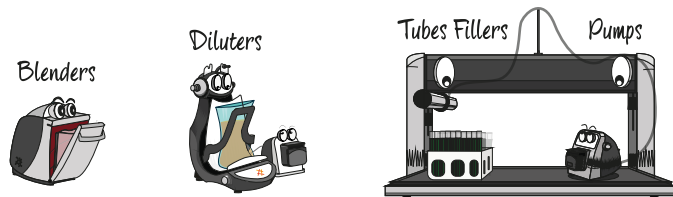


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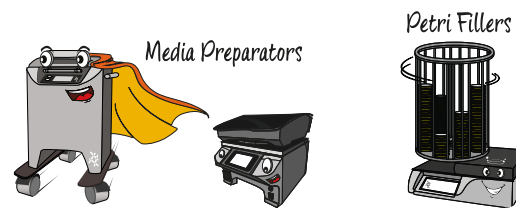
**A CONNECTED EQUIPMENT GENERATION
FOR TRACEABILITY AND PRODUCTIVITY**



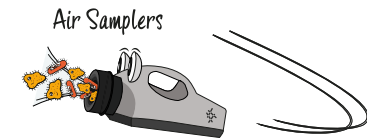
FOOD SAMPLE PREPARATION



AUTOMATED MEDIA PREPARATION



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