

# CATALOGUE

LAB AUTOMATION







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## MEDIAWEL30®

**Increase your  
productivity  
quality  
traceability**

### PERFORMANCES



2.5 to 30 Liters



30 – 125 °C  
± 1°C



50 – 90 mins

Safety lid  
(locked above 80°C)



Uphill & downhill  
Filtration  
Contamination prevention

Double pressure monitoring



Large stirrer  
(wide viscosity range)

Medical wheels



WIFI live  
communication



Multicolour visual alarms

7" touch screen LCD  
Intuitive display



Anti-shock body  
(ABS PC PLASTICS)

Trapdoor  
(easy cleaning of the bowl)

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# MEDIAWEL30®

**Increase your**  
productivity  
quality  
traceability

**ALLIANCE BIO EXPERTISE**  
**WIDE RANGE OF MEDIA**



Ask for the list!

[www.alliance-bio-expertise.com](http://www.alliance-bio-expertise.com)

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## SIMPLIFY

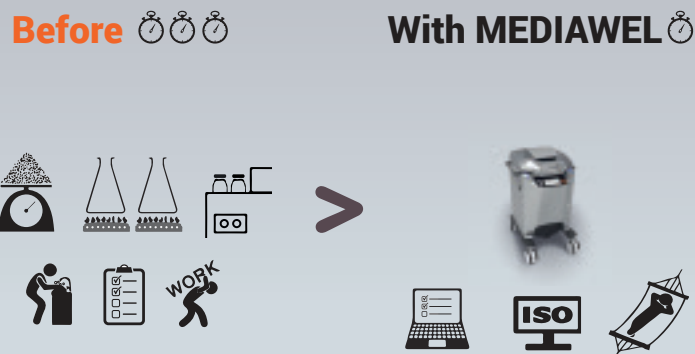


## ALL IN ONE MEDIA PREPARATION

## QUALITY MEDIA

- Controlled temperature = perfect sterility – Perfect Fertility  
→ T° precision:  $\pm 1^{\circ}\text{C}$
- Continuous homogenization
- Large smooth stirrer (1807 cm<sup>2</sup>) for higher homogeneity. Slow stirring (9 adjustable speeds 20 – 110 rpm) to avoid bubbling
- Less handling = less contamination

## TIME SAVING

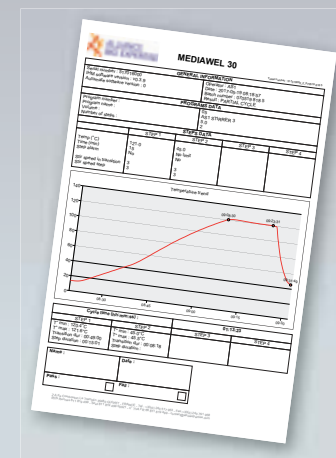


## TRACEABILITY



Temperature monitoring  
Up to 3 points

**eTRACE®**





## SPECIFICATIONS

# MEDIAWEL30®

### STANDARD FEATURES

Media preparation capacity	From 2.5L to 30L
Sterilization temperature	95°C to 125°C
Sterilization time	1 to 99min
Distribution temperature	30°C to 80°C
Temperature precision	± 1°C
Remaining volume	< 130ml
Addition cap	Yes. For blood and antibiotics addition
Country of origin	France
Traceability	Incorporated E-TRACE module (4 USB ports / 1 Ethernet port / WIFI)
Temperature probing	2 x PT100 probes
Pressure monitoring	2 monitors
Safety pressure release	Safety valve
Dispensing port	Adapters for 12mm and 6.4mm dispensing tubing
Continuous homogenization	Large smooth stirrer (1807 cm²) for higher homogeneity. Slow stirring (9 adjustable speeds 20 – 110 rpm) to avoid bubbling
Display	7" touch screen LCD 800x420 pixels
Alarms	Visual (multicolour) & audible
Cleaning	Trapdoor, easy cleaning of the bowl
Easily transportable	4 large medical wheels
Robustness	Antishock body (ABS PC PLASTICS)
Stored programs	50
Control panel	LCD Touch screen
Traceability	CSV file through USB port
High mobility / stability	4 large lockable wheels
DIMENSIONS & ELECTRICAL SUPPLY	
W x H x D	585 x 1053 x 735 mm
Electrical supply	400V - 50-60Hz -16A or 230V – 50-60Hz – 22A (by phase)
Heating power	9000 W



## DISTRIWEL 440®

*Increase your  
productivity  
quality  
traceability*

### PERFORMANCES



440 plates  
poured  
in 30 mins

# DISTRIWEL 440®

### Walkaway device!

Up to 440 dishes  
filled in 30 mins



0°



Ensure a flat poured media  
(bubble level integrated)

7" touch screen LCD  
Intuitive display

**Traceability**  
Print up to 25 characters  
(2 lines) on the Petri dish  
(optional laser printer)



The Built-in Peltier cooling  
effect reduces condensation  
and solidification time

### AEROBIOCONTAMINATION PREVENTION

Contamination prevention  
(UV lamp) while pouring  
+ Plexiglas protection cover

In-line blood  
addition option

Multicolour  
visual alarms



Your culture media is accurately  
poured by a Masterflex™  
peristaltic pump

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## SPECIFICATIONS

# DISTRIWEL 440®



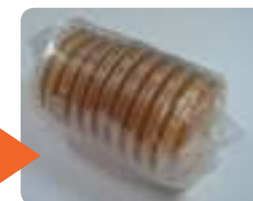
## DISTRIWEL FEATURES

Dishes/hour for 90mm	Up to 750
Capacity of the carousel	440 dishes
Fast plate cooling	Built-in Peltier effect
Contamination prevention	Built-in UV lamp
Pour plates function	✓
Pouring accuracy	±1%
Pouring range	1 – 99 ml
Stack plates function	✓
Peristaltic pump	Integrated Masterflex pump
Stored programs	40
Control panel	LCD Touch screen
Country of origin	100% France
Traceability	Laser printer (LINX CJ400) → Printed Petri dishes
Footswitch (for manual dispensing)	✓ (optional)

## DIMENSIONS

W x H x D	808 x 940 x 689 mm
Electrical supply	100-250v 50-60 Hz 10 A
Power supply	150 W

**PACK YOUR  
READY  
TO USE DISHES !**





# DOSYWEL®

**Increase your  
productivity  
quality  
traceability**

## PERFORMANCES



**Fast:**

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



**Accurate:**

± 0.6 ml  
(w / tubing Ø 6.4 mm)  
± 0.4 ml  
(w / tubing Ø 4.8 mm)  
± 0.2 ml  
(w / tubing Ø 3.2 mm)



- Up to 20 programs
- Editable:
  - ◆ Volume (1 to 9999ml)
  - ◆ Number of doses (1 to 999)
  - ◆ Time for interval (0.1 to 60.0 seconds)
  - ◆ Pump' speed (1 to 130% = 10 to 550 rpm)
  - ◆ Diluent (batch, name, volume)
  - ◆ Calibration mode (calibration starting the program, reminder each x sample).



Compact & light: 3.8kg  
Easy transportable



## QUICK & EASY CALIBRATION

Few steps and the calibration is done.

Calibration reminder: The DOSYWEL can also remind you every x sample, to perform a calibration

## AVAILABLE OPTIONS :

- Footswitch

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## SPECIFICATIONS

DOSYWEL®



### PERFORMANCES

Distribution volume	0.1 to 9999.9 ml
Pause time	1 – 99 seconds
Adjustable speed	1 – 130% 10 – 550 rpm
Connectivity	USB ports (Ticket printer, Footswitch, Keyboard, USB data export)
Communication	USB port. Ethernet
Internal tube dimensions	0.8 / 1.6 / 3.2 / 4.8 / 6.4 / 8.0 mm
External tube dimensions	1.6 mm
Country of origin	100% France
Programs	20
Rotation way	Left or right
Foot switch	YES (sold separately)

### DIMENSIONS

W x H x D	808 x 940 x 689 mm
Electrical supply	100-250v 50-60 Hz 10 A
Power supply	150 W

### TRACEABILITY

Ticket printer	✓ (optional)
USB export	✓ (optional)



DILUWEL®

**Increase your  
productivity  
quality  
traceability**

## PERFORMANCES



Weighing :  
1 g to 4000 g



225ml distribution :  
- 12 seconds  
- 9 seconds (turbo)



> 98 %



### Finger-stop nozzle

Avoids cross contamination  
during installation



### Safety cabinet use



### Fast & accurate!

225ml dispensed  
in 12 seconds (9 in turbo)  
with >98-99% accuracy !



**PATENTED** vertical weighing tray  
(3 points for higher stability and  
higher weighing accuracy)

Removable 1 to 4 pumps  
Plug & play - Flexible  
Free positioning = save space



### Compact and light

8 kg  
50% more compact  
than competition models!



Built-in bubble level  
and adjustable legs



OPEN GATE TO ALL CONNECTIONS



«LABPAGE»  
Full LIVE data tracing



**Watertight to spills**  
Perfect cleanability



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# FOOD SAMPLE PREPARATION BY A.B.E

## DESIGNED FOR COSMETICS USE



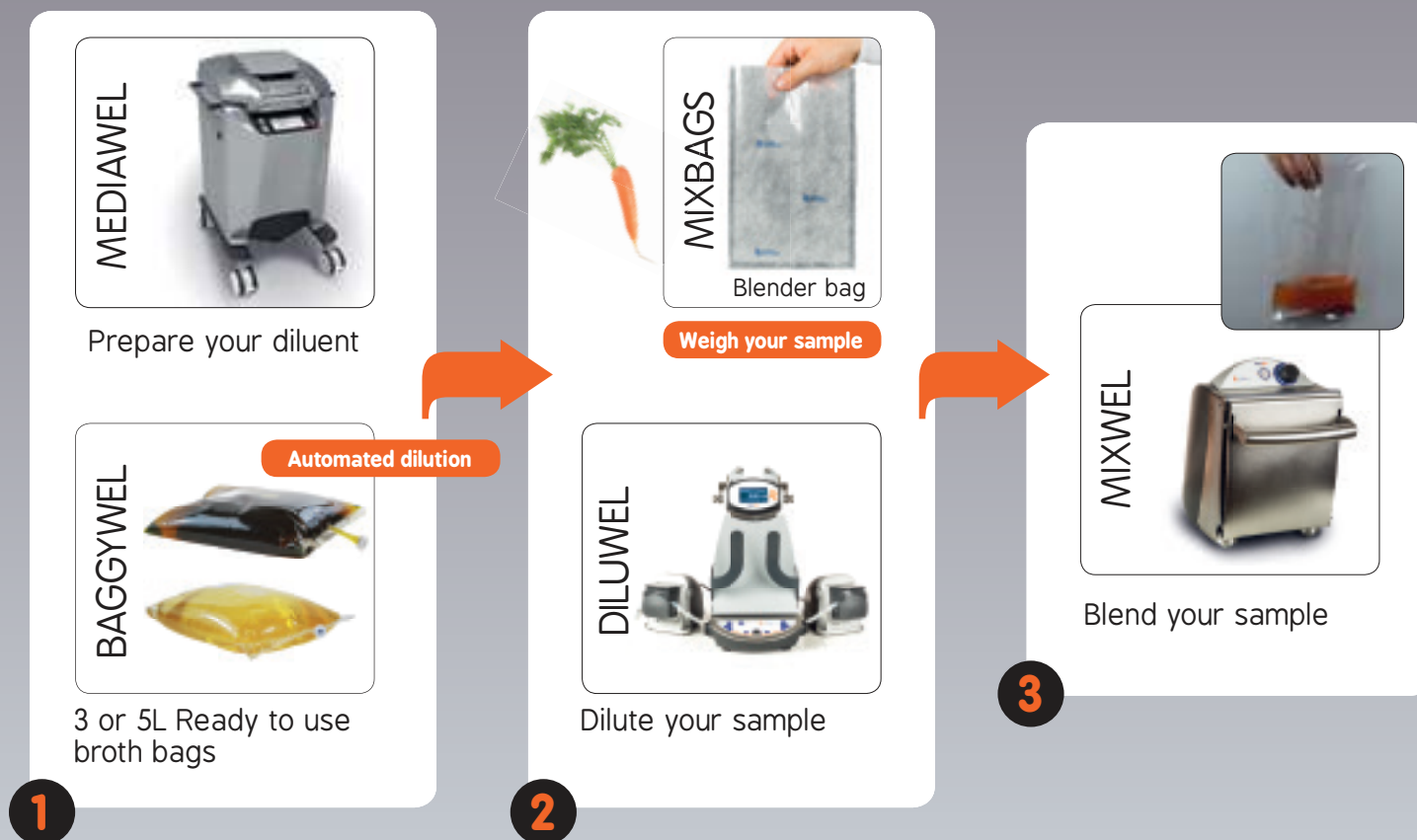
Designed for min 1g  
weighing

Biosafety cabinet use

Bottle holder with  
adaptable height



# FOOD SAMPLE PREPARATION BY A.B.E



## WHY WORK WITH AN AUTOMATED DILUTER?

<b>All in one</b>	→	Weighing + Dispensing + automated traceability. ALL AT ONCE !
<b>Fast &amp; Accurate</b>	→	9 (turbo mode) to 12 seconds with >98-99% accuracy !
<b>Repeatability</b>	→	No random results
<b>Effortless</b>	→	Fully automated
<b>Traceability</b>	→	Full traced data (exportable to PC, EXCEL, LIMS, Printer, USB)
<b>Risk reduction</b>	→	Less manipulations



## SPECIFICATIONS

DILUWEL®



### PERFORMANCES

Fast & accurate dispensing	12 sec. for 225ml / (9 sec in turbo mode)
Dilution accuracy	> 98%
Turbo mode	✓
Bubble level integrated	✓
Motorized dispensing nozzle	✓
Editable programs	19
Weighing range:	1 g to 4000 g
Dilution factor	1.00 to 1/100.00
Anticipation mode	✓
Total dosage mode	✓

### BENEFITS

Stainless steel bag holder – extended lifetime	✓
Watertight base – easy to clean	✓
Motorized dispensing nozzle	✓
19 editable programs	✓
Data management (diluent, users)	✓
2 USB port: 1 for upgrades / 1 for communication module	✓
“Fingerstop” large dispensing nozzle	✓
Plug and play removable pumps	✓
Interactive display (color codes)	✓
Stainless steel bag holder – extended lifetime	✓
Watertight base – easy to clean	✓
Motorized dispensing nozzle	✓

### DIMENSIONS

Compacity W x D x H	250 x 275 x 400 mm
Weight	8 kg
Electrical supply / Power	230 V – 50Hz / 120W



MIXWEL®

**Increase your**  
productivity  
quality  
traceability

## PERFORMANCES



Silent <48db



28 to 70 kg  
pressure  
er paddle



**PATENTED** pendular blending  
**Delivers up to**  
**70 kg pressure /paddle.**  
**Optimum homogenization !**

## Extreme Compactness

The most compact blender  
on the market (30 dm3)

Space optimization of your bench

Easily transportable

## Comfort of cleanability

Quick removal of the door

Removable paddles

Waste tank integrated  
into the door



**Stainless**  
steel chamber (304 L)



**Lightest of**  
**the market !**  
14 kg

**VIBRATION FREE**  
**Extreme stability**  
**while blending**

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## SPECIFICATIONS

MIXWEL®



### SPECIFICATIONS

Pendular blending power	Up to 70 kg/paddle
Capacity	50 mL to 400 mL
Noise level	54 dbA

### ADVANTAGES

Vibration free	✓
Removable paddles	✓
Stainless steel paddles	✓
Adjustable paddles to the matrix	3 positions
Waste tank integrated	✓

### DIMENSIONS

Compacity W x D x H	220 x 410 x 340 mm
Weight	14 kg
Electrical supply / Power	230 V – 50 Hz
Power	90 W

### THEY HAVE ADOPTED IT

*"I didn't know we could blend much harder in a smooth way" ... "We blend young elastic cheese ... and the result is perfect, similar to milk aspect with no solids at all."*

Lab user, INRA STLO RENNES

*"As the microorganisms' extraction is much better with the MIXWEL, we have been able to reduce the blending time" ... "never drilled a bag" ... "a quiet blender, small, with no vibrations"*

Mrs Ali Mandjee, RAEMA / ASA PARIS Region



**AIRWEL®**

*Increase your  
productivity  
quality  
traceability*

### ADAPTABLE TO YOUR NEEDS

PETRI DISH:  
90 mm  
55 mm

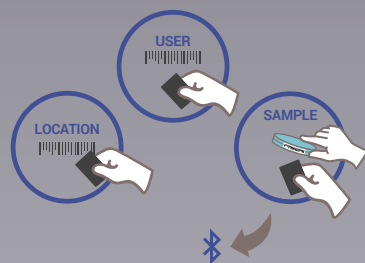
AIRFLOW:  
100L / min  
200L / min

### SPECIFIC OPTION

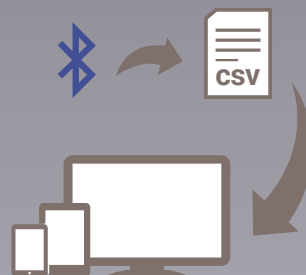
COMPRESSED  
GAS SYSTEM  
for Controlled Environment

### FULL TRACEABILITY

GMP / GLP – 21 CFR PART 11



**IMPORT DATA**  
Bluetooth bar code scan



**EXPORT DATA**

### EXCLUSIVE OPTION

#### IN SITU AIRFLOW CHECK

Check your airflow  
whenever you like!

Don't wait the 1 year  
calibration services to check

Avoid wrong collection due  
to wrong airflow!!

#### SAFETY MANAGEMENT

Cascade password

3 level:

Operator – Manager – Service



**FULLY HERMETIC**  
ip65 dust and water protection

**WIRELESS BATTERY CHARGER**

**ANTIBACTERIAL PAINT**

#### SERVICES

MANUFACTURER or DEALER **CALIBRATION**  
QUALIFICATION: **IQ/OQ** protocol

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## SPECIFICATIONS

# AIRWEL®



COMPLIANCE	AIRWEL	AIRWEL+
IP65		✓
ISO14698 / ISO17025	✓	✓
USP797 / USP116	✓	✓
EU GMP / GLP	✓	✓
21 CFR PART 11	✓	✓
TRACEABILITY		
Bluetooth module	✓	✓
PC software for data management	✓	✓
Android App (PC / Smartpone / tablet)	✓	✓
CALIBRATION		
IN SITU AIRFLOW CHECK (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	At same time, separate, interval samplings	
Antigerm paint	✓	✓
DIMENSIONS		
W x H x D	13 x 33 x 15 cm	
Weight	1.6 kg	
Power supply / Electric power	120-230 V – 50-60HZ / 120W	
Made in EU	✓	✓



## notes

[illegible]



# ALLIANCE BIO EXPERTISE



Empowered from our people's skills and experiences, we, ALLIANCE BIO EXPERTISE, together with our customers and partners decided to manufacture Microbiology automated equipment around essential values:  
Customer Focus, Service, Loyalty, Innovations

**Ask your local partner  
for a personal demonstration!**