CATALOGUE
LAB AUTOMATION
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**SPECIFICATIONS**

**MEDIAWEL30®**

**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

**DETAILED 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: +/- 0.5°C after temperature stabilization
- Remaining volume: < 130ml
- Addition cap: Yes, for blood and antibiotics addition
- Country of origin: France
- Operation capacity: Incorporated & TRACE module or USB ports / 1 Ethernet port / WiFi
- Temperature probing: 2 x PT100 probes
- Pressure maintaining: 2 manometers
- Safety pressure release: Safety valve
- Dispensing port: Adapters for 2mm and 6.4mm dispensing tubing
- Continuous homogenisation: Large surface metal > 1807 cm² for better homogeneity, Stainless steel liner vessel (AISI 316)
- Visual alarms: Multicolour
- Audible alarms: Trapdoor, easy cleaning of the bowl
- Robustness: Stainless steel inner vessel, Stainless steel liner vessel, Stainless steel inner vessel, Reuseable bowl, ABS PC PLASTICS, Stainless steel inner vessel
- Stored programs: 50
- Control panel: Operative panel, LCD Touch screen
- Additional features: Continuous homogenization, Large surface metal, High mobility / stability, Robustness, Stainless steel inner vessel, Stainless steel liner vessel
- Display: 7” touch screen LCD 800x420 pixels
- Alarm: Visual (multicolour) & audible
- Cleaning: Trapdoor, easy cleaning of the bowl
- Safety pressure release: Safety valve
- Dispensing port: CE Type through USB port

**PERFORMANCES**

- 440 plates poured in 30 mins
- 0°: Ensure a flat poured media (bubble level integrated)

**DISTRIWEL 440®**

- Increase your productivity
- Quality
- Traceability

**Walkaway device!**

Up to 440 dishes filled in 30 mins

**AERIOBIOCONTAMINATION PREVENTION**

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

**In-line blood addition option**

- Multicolour
- Visual alarms

**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

**Your culture media is accurately poured by a Masterflex® peristaltic pump**
**DOSYWEL®**

**Incr ease 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)

**SPECIFICATIONS**

- **DISTRIWEL 440®**

**DIMENSIONS & ELECTRICAL SUPPLY**

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

**DISTRIWEL FEATURES**

- Compact & light: 3.8 kg
- Easy transportable
- Up to 20 programs
- Editable:  
  - Volume (1 to 9999 ml)  
  - 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)

**AVAILABLE OPTIONS**

- Footswitch

**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

**PACK YOUR READY TO USE DISHES**

ORDER IT TOGETHER WITH DISTRIWEL 440®: Ref. MINIMA

**CONNECTED MICROBIOLOGY**

- Up to 750 Capacity of the carrousel 440 dishes
- Fast plate cooling Built-in Peltier effect
- Contamination prevention Built-in UV lamp
- Pour plates function ✓
- Pouring accuracy ± 4.0%
- Pouring range 1 – 99 ml
- Digital display function ✓
- Peristaltic pump Integrated Masterflex pump
- Stored programs 40
- Control panel LCD Touch screen
- Country of origin 100% France
- Traceability (optional) Laser printer (Sch. C-H302) Printed Petri dishes
- Footswitch (for manual dispensing) ✓ (optional)

**ISO**

- 6887-1
- 7218
- 11133
- 17025
- 14698

**USP**

- 797
- 116

**EU**

- GLP/GMP
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)
- Communications: USB port Ethernet
- Internal file dimensions: 5.8 / 14.0 / 23.3 standard / 6.4 / 6.4 / 8.0 mm
- Country of origin: 100% France
- Biomass: 30
- Rotation way: Left or right
- Foot switch: ✓ (optional)

DIMENSIONS & ELECTRICAL SUPPLY
- Weight: 468 x 228 x 330 mm
- Electrical supply: 100-250v 50-60 Hz 10 A
- Power supply: 150 W
- Internal tube dimensions: 0.8 / 1.6 / 3.2 (standard) / 4.8 / 6.4 / 8.0 mm
- Country of origin: 100% France
- Programs: 20
- Rotation way: Left or right
- Foot switch: ✓ (optional)

TRACEABILITY
- Ticket printer: ✓ (optional)
- USB export: ✓ (optional)
FOOD SAMPLE PREPARATION BY A.B.E

MIXWEL

Prepare your diluent

MINIBAGS

Dilute your sample

MIXWEL

Blend your sample

Why work with an automated diluter?

- All in one
- Fast & Accurate
- Repeatability
- Effortless
- Traceability
- Risk reduction
- Weighing + Dispensing + Automated traceability. ALL AT ONCE!
- In (turbo mode) to 12 seconds with ≥ 99% accuracy!
- For random results
- Fully automated
- Full traced data (exportable to PC, EXCEL, LIMS, Printer, USB)
- Less manipulations

DILUWEL®

PERFORMANCES

- Fast & accurate dispensing: 12 sec. for 250ml / 15 sec. in turbo mode
- Balanced accuracy: ≥ 99%
- Turbo mode
- Weighing in straight line
- Monitored dispensing needs
- Voltage programs: 12
- Weighing range: 1g to 4000g
- Original fomula: 130 to 2000 ml

BENEFITS

- Stainless steel bag holder - weighted/square
- Balance back - easy to clean
- Monitored dispensing needs
- Multiple programs
- Data management (trace, users)
- ≥ 100 parts / 1000 reagents / 100 communication modules
- “Imported” large dispensing unit
- Plug and play removable passport
- Interactive display (Black/Red)

DIMENSIONS & ELECTRICAL SUPPLY

- Compact size 41 x 35 x 90 mm
- 230 V ~ 50 Hz
- Weight: 8 kg
- Electrical supply / Power
**Increase your productivity**
quality traceability

**PERFORMANCES**
- Silent <48db
- 28 to 70 kg pressure per paddle

**VIBRATION FREE**
- Sausage
- Easy transportable

**Dimensions & Electrical Supply**
- Capacity: 500 mL to 400 mL
- Noise level: <48 dB
- Speed: 380 rpm
- ADVANTAGES
  - Suspension blending
  - Removable paddles
  - Stainless steel paddles
  - Adjustable paddles to the matrix
  - Waste tank integrated
- **DIMENSIONS & ELECTRICAL SUPPLY**
  - Capacity: 500 mL to 400 mL
  - Weight: 14 kg
  - Electrical supply: 230 V – 50 Hz
  - Power: 90 W

**THEY HAVE ADOPTED IT**

"As the microorganisms’ extraction is much better with the MIXWEL, we have been able to reduce the blending time..." – Mrs Ali Mandjee, RAEMA/ASA PARIS Region

"I didn’t know we could blend much harder in a smooth way..." – Lab user, INRA STLO RENNES

"Very easy, very compact..." – Mrs Ali Mandjee, RAEMA/ASA PARIS Region

**SPECIFICATIONS**
- Pendular blending power: Up to 70 kg/paddle
- Capacity: 50 mL to 400 mL
- Noise level: <48 dB
- Speed: 380 rpm
- ADVANTAGES
  - Pendular blending
  - Removable paddles
  - Stainless steel paddles
  - Adjustable paddles to the matrix
  - Waste tank integrated
- **DIMENSIONS & ELECTRICAL SUPPLY**
  - Capacity: 500 mL to 400 mL
  - Weight: 14 kg
  - Electrical supply: 230 V – 50 Hz
  - Power: 90 W

**CONNECTION MICROBIOLOGY**

**MIXWEL®**
- Pendular blending
- Delivers up to 70 kg pressure/paddle
- Optimum homogenization!
**SPECIFICATIONS**

**AIRWEL**

**FULL TRACEABILITY**
- ADAPTABLE TO YOUR NEEDS
- SPECIFIC OPTION
  - PETRI DISH: 90 mm
  - AIRFLOW: 100L / min
  - 200L / min
  - COMPRESSED GAS SYSTEM
  - for Controlled Environment

**INCREASE YOUR**
- QUALITY
- Traceability

**FULLY HERMETIC**
- ip65 dust and water protection

**ANTIBACTERIAL PAINT**

**WIRELESS BATTERY CHARGER**

**SERVICES**
- MANUFACTURER or DEALER CALIBRATION QUALIFICATION ISO 9000 protocol

**IN SITU AIRFLOW CHECK**
- Check your airflow whenever you like!
- Avoid serving collection due to wrong airflow!!

**EXCLUSIVE OPTION**
- FULL TRACEABILITY
- Bluetooth module
- PC software for data management
- Android App (PC/Smartphone/tablet)

**SAFETY MANAGEMENT**
- Cascade password: 3 level: Operator – Manager – Service

**COMPATIBILITY**
- ISO 14698 / ISO 17025
- ISO 797
- USP 116
- EU GMP/GLP

**COMPLIANCE**
- GDPR
- ISO 9001
- USP 116
- EU GMP/GLP
- 21 CFR PART 11

**TRACEABILITY**
- Bluetooth module
- PC software for data management
- Android App (PC/Smartphone/tablet)

**CALIBRATION**
- IN SITU AIRFLOW CHECK (Option)
  - A.B.E or dealer calibration

**BENEFITS**
- Cascade password
- Wireless induction charger
- Battery autonomy
- More than 16 hours
- Type of heads: 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

**DIMENSIONS**
- W x H x D: 130 x 330 x 150 mm
- Weight: 1.6 kg
- Power supply / Electric power: 120-230 V – 50-60HZ / 120W
- Made in EU
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!

ZI de courbouton , Le Tremplin – 35480 GUIPRY - FRANCE
E-mail : contact@abioexpertise.com
Phone : +33(0)2.40.51.79.53
alliance-bio-expertise.com