

SAMPLE PREPARATION

PRODUCTIVITY PRECISION COMPACTITY



Diluvel



Mixwel



ALLIANCE
BIO EXPERTISE

DILUWEL

At least, a new generation of gravimetric diluters designed for end users

KEY POINTS

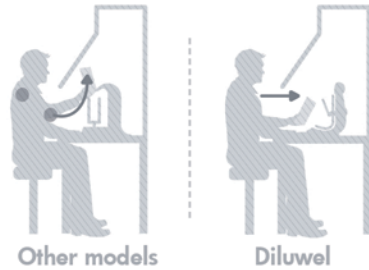
Dilution time



Less than **10 seconds** for 225 mL

Less than **6 seconds** in turbo speed mode

Weighing : **1 gr to 4 kg**



Prevention of musculoskeletal disorders

Frontal access, no arm raising - specifically adapted to work performed in Biological Safety Cabinet

Display at a height

Ambidextrous programming keyboard and rotary selector, usable blind, and possibility to work with elbows resting on the bench or BSC armrest

« Finger-stop » design to **prevent contamination** of the distribution nozzle during installation

Weighing independent of the positioning of the sample in its holder



Base watertight to spills : **perfect cleanability**



UNIQUE

Patented technology : Tray connected on vertical side to the weighing system

WORLD PATENT

Unbreakable stainless steel holder

UNIQUE

Weighing reliability : Built-in bubble level and adjustable legs



Bidirectional communication

Optional connexion :



Scalable

1 to 4 pumps, positioned according to the user's wishes and to the workstation configuration « Plug and play » set up, like a computer mouse



Compact and light

50% more compact than other models
The lightest on the market : 6 kg (13 lbs)

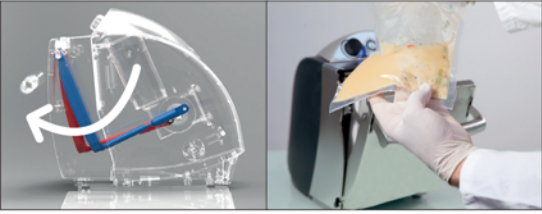
MIXWEL+ / MIXWEL

A new blending concept more efficient and quieter



Incredible power and efficiency

New pendular blending system - delivers a power from 28 kg (62 lbs) up to 126 kg (278 lbs) per paddle



Excellent results with any type of matrix



Automatic adjustment of power delivered to the matrix



Comfort of cleanability

Quick removal of the door
Removable paddles



Automatic closing of bags

Increases your productivity and prevents musculoskeletal disorders



Extreme compactness

The most compact blender on the market (30 dm³ - 1830 in³)
Space optimisation of your bench
Easily transportable

Silent



Vibration free

Light indicator

Stainless steel chamber (304 L)

Variable Speed

Adjustable paddles according to the matrix

	DILUWEL	DILUWEL +
PERFORMANCES		
Fast and automated dilution	10 sec. for 225 mL - standard	10 sec. for 225 mL - standard 6 sec. for 225 mL - turbo mode
Weighing reliability thanks to built-in bubble level	✓	✓
Adjustable legs	✓	✓
Weighing range	5 gr to 2000 gr	1 gr to 4000 gr
Dilution accuracy	99 % at maximum speed	99 % at maximum speed
Dilution factor	1 to 1/100	1 to 1/100
Adjustable distribution speed	10 to 130 % to adapt to tubing diameter	10 to 130 % to adapt to tubing diameter
Turbo mode		Dual turbo for 2 diluents upgraded in a few sec.
Program selection : direct access via dedicated key	✓	✓
BENEFITS		
Stainless steel bag holder, extended lifetime	✓	✓
Perfect cleanability : base watertight to spills	✓	✓
Interactive bright display (color changes according to status)	✓	✓
Ambidextrous programming keyboard	✓	✓
Frontal access : prevention of musculoskeletal disorders	✓	✓
« Finger-stop » design : prevents contamination of the distribution nozzle during installation	✓	✓
Memory of 19 dilution programs	✓	✓
Automatic calibration	✓	✓
Advanced automatic calibration (5 points)		✓
Anticipation mode		✓
Connectivity		Bidirectional LIMS
Traceability (4 USB ports, connections for : printer, bar code reader, RFIDer RFID, LIMS (Excel™))	✓	✓
«Plug and play» pumps	Maxi 4	Maxi 4
Compacity W x D x H	250 x 275 x 400 mm	250 x 275 x 400 mm
Lightness (Weight)	8 kg	8 kg
Electrical supply	230 V - 50 Hz	230 V - 50 Hz
Power	120 W	120 W

	MIXWEL	MIXWEL +
PERFORMANCES		
Pendular blending power	Up to 126 kg / paddle	Up to 126 kg / paddle
Capacity	50 mL to 400 mL	50 mL to 400 mL
Noise level	54 dBA	48 dBA
BENEFITS		
Progressive blending, adapted to the matrix		✓
Automatic closing of bags		✓
Intuitive bright display	✓	✓
Vibration free	✓	✓
Bright display	✓	✓
Removable paddles	✓	✓
Stainless steel chamber	✓	✓
Waste tank integrated into the door	✓	✓
Speed	Fixed	Variable, up to 520 strokes/min
Compacity W x D x H	220 x 410 x 340 mm	220 x 410 x 340 mm
Lightness (Weight)	14,6 kg	14,6 kg
Electrical supply	230 V - 50 Hz	230 V - 50 Hz
Power	90 W	90 W

Diluvel accessories



Foot switch



Bar code reader



RFID



Bowl holder



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DE LA SANTÉ