



# DILUMAT<sup>®</sup>

Efficient automated sample dilution



PIONEERING DIAGNOSTICS

# DILUMAT®

Three models for optimal sample dilution and dosing.  
DILUMAT START, DILUMAT EXPERT & DILUMAT EXPERT EVO

## SPEED UP THE PREPARATION

25g 1:10 dilution in 10 sec\*

375g 1:4 dilution in under 30 sec\*\*

375g 1:10 dilution in under 80 sec\*\*

\* Fast mode \*\* DUAL pump mode

## IMPROVE QUALITY



- High Accuracy and repeatability meets BAM and ISO 7218 requirements
- Compliant with ISO 6887 standards
- **Automated rotating arm**, fully open access to the bag reduces greatly risks of contamination
- 2% accuracy for dosing and dilution programs, from 10 g to 375g in normal and fast mode
- Bidirectional LIMS communication
- Automatic traceability
- Customizable labels via label manager software
- Web service support facility: remote access support



Dilution report  
16/04/2013

Sample ID: 1304156-01

Sample weight: 375.1 g  
Dilution factor: 10.03

Diluent: Pepton water  
Batch: 24516732

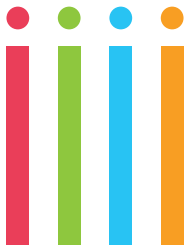
Operator: Davy

FLEXIBILITY  
SPEED  
SAFETY

TRACE  
SIMPLI



Improve your lab workflow with  
DILUMAT® EXPERT and DILUMAT



ABILITY  
CITY

ERGONOMIC  
DESIGN

PRODUCTIVITY

- 2 new programs for dilution in order to prevent bacterial osmotic shocks during the dilution; in particular for dehydrated products like milk powder, spices, flours.
- Compliant with ISO6887 series



DILUMAT® START,  
AT® EXPERT EVO

## EVOLVE WITH YOUR NEEDS

- **4 programs: 1 for dosing and 3 for dilutions** (standard, full diluant first & partial diluant)
- Only one DILUMAT® for samples from 3g to 375g
- Compatible with MASTERCLAVE® and DILUBAG® to dispense culture media with no risk of cross contamination
- 3 dilution speeds adapted to all sample types
- Connect up to 6 different diluents (2 built-in pumps + 4 e-pumps) for maximum flexibility
- Upgrade to XL configuration for large samples (375g)
- Ready to use complete tubing sets to connect DILUBAG® (DILUTUBE®), MASTERCLAVE® and bottles
- Heads-up control unit stand saves bench space (option)



e-pumps



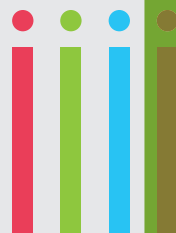
Tune-up your DILUMAT EXPERT EVO for large samples with the optional XL Pack



Heads-up control unit stand

## EXPERIENCE TOTAL EASE OF USE

- Smart software and color changing LEDs inform user about dilution status
- Plug-and-play! No tedious installation needed
- No operator intervention with Autostart mode
- Cleanable mobile touchscreen control unit
- Small footprint enables customized workspace organization
- All surfaces are easy to clean





# Boost the productivity of your microbiology laboratory!

## DILUBAG®

- 3 and 5 liter ready-to-use broth diluent bags



## DILUTUBE™

- Sterile ready-to-use tubing



## SMASHER®

- High performance for up to 400ml and samples up to 75g (1:4 dilution)
- Shortest time - lowest noise

## VIDAS® UP

- VIDAS® UP provides next-day pathogens results
- Minimal hands-on-time and simple protocols

## GENE-UP®

- GENE-UP® Real-time PCR solution for pathogens detection

## DILUMAT®



START



EXPERT



EXPERT EVO w/ XL pack

## MASTERCLAVE®

- Automated preparators for broth and agar culture media (10L & 20L)



## SMASHER® XL

- Large capacity blender for two 2L or one 4L bags.
- Handles samples up to 375g (1:10 dilution)

## TEMPO®

- Automated & innovative enumeration of quality indicators
- Next-day results

DILUMAT START, DILUMAT EXPERT  
and DILUMAT EXPERT EVO  
specifications depend on the model

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