

Versette™

96- and 384-channel
Automated Liquid Handler

- Total volume range 0.5-300 µl
- 96- and 384-channel interchangeable pipetting heads
- Compatible with D.A.R.T.s™ tips with unique sealing properties
- 6-position stage with compact dual level deck structure
- User-friendly programming options with onboard touch screen or Thermo Scientific™ ControlMate™ PC software



| Model | Cat. No. |
|--|---------------|
| Versette | |
| Versette base unit | 650-01-BS |
| 96- and 384-channel pipetting module for use with 96- and 384-channel pipetting head | 650-02-NTC |
| 6-position stage | 650-03-SPS |
| Versette Pipetting Heads | |
| 96-channel air displacement pipetting head. Volume 0.5-30 µl | 650-06-9630 |
| 96-channel air displacement pipetting head. Volume 5-300 µl | 650-06-96300 |
| 384-channel air displacement pipetting head. Volume 1-100 µl | 650-06-384100 |

Note: You will need a Versette base unit, a pipetting module, a 6-position stage and one pipetting head for a complete working unit.

RapidStak™

Automated Microplate
Stacker

- Works seamlessly with the entire Multidrop line of dispensers
- Schedule and automate any two instruments with the Thermo Scientific™ Polara™ RS software
- Capacity from 30 to 150 plates
- Quick and easy setup



| Model | Cat. No. |
|---------------|----------|
| RapidStak | F01350 |
| RapidStak 2x | F01351 |
| 30-Plate Stak | F01436 |
| 50-Plate Stak | F01437 |
| Polara RS | Inquire |

Orbitor RS™

Automated Microplate
Mover

- Dedicated plate mover providing quality, speed and flexible automation in a benchtop solution
- Provides reliable, precise automation of microplate handling for a wide range of instruments
- Capacity from 24-960 plates
- Quick and easy set-up



| Model | Cat. No. |
|---|----------|
| Orbitor Workstation Configuration with automation workflow software | ORB0001 |

For a list of all available parts ask your sales representative for details.

iEMS™ Incubator/ Shaker

Microplate Incubator
and Orbital Shaker

- Exceptional temperature uniformity across the plate
- Efficient orbital shaking
- Superior sensitivity and specificity for EIA assays
- Temp range up to 40 °C, and up to 69 °C on HT
- Capacity of up to nine plates, three plates on the HT



| Model | Cat. No. |
|--|----------|
| iEMS Incubator/Shaker HT, 1-cabin, 220–240 V | 5112250 |
| iEMS Incubator/Shaker HT, 1-cabin, 100–120 V | 5112257 |
| iEMS Incubator/Shaker, 3-cabin, 220–240 V | 5112200 |
| iEMS Incubator/Shaker, 3-cabin, 100–120 V | 5112207 |

Also available:

- A complete range of 96- and 384-well solid and strip microplates.
- A complete line of sample storage tubes and equipment.
- A complete range of Thermo Scientific manual and electronic single and multichannel pipettes and tips.
- Laboratory automation solutions for microplate instrument systems.

For additional information contact your Thermo Fisher Scientific™ sales representative or visit:

www.thermoscientific.com/kingfisherinfo
www.thermoscientific.com/versette
www.thermoscientific.com/multidrop
www.thermoscientific.com/platereaders
www.thermoscientific.com/wellwash
www.thermoscientific.com/ELISAsolutions

Reference Guide

Thermo Scientific Solutions

Automated Liquid Handling, Detection
and Sample Purification



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THERMO SCIENTIFIC AUTOMATED LIQUID HANDLING, DETECTION AND SAMPLE PURIFICATION SOLUTIONS

Multidrop™ Combi nL

Low Volume Reagent Dispenser

- Volume range: 50 nL–50 µl
- Easy entry to low-volume dispensing
- Flexible plate height adjustment (5–55 mm)
- 96-, 384- and 1536-well plate formats
- Accurate, precise and reliable low-volume dispensing
- Easy-to-use visual user interface with color display
- Easy to maintain
- Robotic compatible
- Thermo Scientific™ FILLit™ Software for increased flexibility and functionality



| Model | Cat. No. |
|---|----------|
| Multidrop Combi nL, 100–240 V, 50/60 Hz | 5840400 |

Multidrop Combi

Reagent Dispenser

- Volume range: 0.5–2500 µl
- Flexible plate height 5–50 mm
- 6–1536-well plate formats
- Ultimate versatility for reagent dispensing
- Autoclavable dispensing cassette
- Easy-to-use visual user interface with color display
- Multidrop Combi SMART with inbuilt tracking system for real-time tracking of dispensing cassette usage
- Robotic compatible



| Model | Cat. No. |
|--|----------|
| Multidrop Combi, 100–240 V, 50/60 Hz | 5840300 |
| Multidrop Combi with SMART option, 100–240 V, 50/60 Hz | 5840310 |

WellMate™

Reagent Dispenser

- Accommodates 6-, 12-, 24-, 48-, 96-, 384-well plate formats
- Simple on-board programming interface
- 1–2000 µl dispensing volume range
- Flexible dispensing options for a range of solutions
- Integrated stacking option for deep well labware and lidding/delidding with the WellMate Stacker.



| Model | Cat. No. |
|-----------------------------|-----------|
| WellMate, 100–240 V | 201–10001 |
| WellMate Stacker, 100–240 V | 201–20001 |

Multidrop 384, Multidrop DW

Reagent Dispensers

- 96- and 384-well plate formats
- Deep well plates
- 5–395 µl in 384, 20–995 µl in DW
- Precise and reliable dispensing
- Autoclavable dispensing cassettes
- Designed for ease of use
- Robotic compatible



| Model | Cat. No. |
|--------------------------|----------|
| Multidrop 384, 220–240 V | 5840150 |
| Multidrop 384, 100–120 V | 5840157 |
| Multidrop DW, 220–240 V | 5840170 |
| Multidrop DW, 100–120 V | 5840177 |

Varioskan™ Flash

Spectral Scanning Multimode Microplate Reader

- Unlimited wavelength selection for spectral analysis and measurement at any single wavelength
- Fluorescence intensity, TRF, photometric and optionally luminometric applications
- Up to three onboard dispensers for optimized kinetic reactions
- Advanced Thermo Scientific™ SkanIt® Software with optional 21 CFR Part 11 compliance
- Robotic compatible



| Model | Cat. No. |
|--|----------|
| Varioskan Flash, 100–240 V | 5250030 |
| Varioskan Flash, 100–240 V, with bottom reading | 5250040 |
| Varioskan LumiSens option | 5250500 |
| Dispenser option (1 st , 2 nd or 3 rd) | 5250510 |

Fluoroskan™ Ascent

Microplate Fluorometer

Fluoroskan Ascent FL

Combined Microplate Fluorometer and Luminometer

- Reads 1–384-well plates
- Top/bottom reading
- Robotic compatible
- Up to three dispensers
- Incubation and shaking
- High sensitivity



| Model | Cat. No. |
|--|----------|
| Fluoroskan Ascent, 100–240 V | 5210470 |
| Fluoroskan Ascent, 100–240 V, with one dispenser | 5210480 |
| Fluoroskan Ascent, 100–240 V, with two dispensers | 5210482 |
| Fluoroskan Ascent, 100–240 V, with three dispensers | 5210483 |
| Fluoroskan Ascent FL, 100–240 V | 5210450 |
| Fluoroskan Ascent FL, 100–240 V, with one dispenser | 5210460 |
| Fluoroskan Ascent FL, 100–240 V, with two dispensers | 5210462 |
| Fluoroskan Ascent FL, 100–240 V, with three dispensers | 5210463 |

Luminoskan™ Ascent

Microplate Luminometer

- Reads 1–384-well plates
- High sensitivity
- Up to three dispensers
- Incubation and shaking
- Robotic compatible



| Model | Cat. No. |
|---|----------|
| Luminoskan Ascent, 100–240 V | 5300160 |
| Luminoskan Ascent, 100–240 V, with one dispenser | 5300170 |
| Luminoskan Ascent, 100–240 V, with two dispensers | 5300172 |
| Luminoskan Ascent, 100–240 V, with three dispensers | 5300173 |

Multiskan™ GO

UV/Vis Microplate and Cuvette Spectrophotometer

- Reads 96- and 384-well plates and cuvettes
- Reads Thermo Scientific µDrop Plate in microliter-scale measurements
- Wavelength selection from 200–1000 nm in 1 nm increments
- Stand-alone or PC control in multiple languages
- Fast spectral and end-point measurements
- Robotic compatible



| Model | Cat. No. |
|---------------------------------------|----------|
| Multiskan GO w/out cuvette, 100–240 V | 51119200 |
| Multiskan GO with cuvette, 100–240 V | 51119300 |

Multiskan FC

Microplate Photometer

- Reliable and robust ELISA reader for research and routine applications
- Large color screen for easy stand-alone use
- Standalone or PC control in multiple languages
- Advanced SkanIt Software
- Reads 96- or 384-well plates
- Robotic compatible



| Model | Cat. No. |
|--|----------|
| Multiskan FC, 100–240 V | 51119000 |
| Multiskan FC with incubator, 100–240 V | 51119100 |

KingFisher™ Flex

High Throughput DNA/RNA/Protein/Cell Purification

- Increased flexibility and yield
- Customized DNA/RNA isolation kits for variety of sample types
- Excellent reproducibility and high quality
- Unique patented technology



| Model | Cat. No. |
|---|----------|
| KingFisher Flex with 96 PCR head, 100–240 V | 5400610 |
| KingFisher Flex with KF head, 100–240 V | 5400620 |
| KingFisher Flex with 96 deep well head, 100–240 V | 5400630 |
| KingFisher Flex with 24 deep well head, 100–240 V | 5400640 |

KingFisher™ Duo

Medium Throughput DNA/RNA/Protein/Cell Purification

- Flexible, fast and compact system for diverse applications
- Process variety of sample types in volumes ranging up to 5 ml
- Optimized DNA and RNA purification kits and protocols
- Excellent traceability with complete data management



| Model | Cat. No. |
|---------------------------|----------|
| KingFisher Duo, 100–240 V | 5400100 |

KingFisher™ mL

Medium Throughput DNA/RNA/Protein/Cell Purification

- The economical choice for easy operation up to 15 samples
- Processing volumes from 50 to 1000 µl carried out in tube strips



| Model | Cat. No. |
|--------------------------|----------|
| KingFisher mL, 100–240 V | 5400050 |

Wellwash™ Versa

Dual Strip Microplate Washer

- Large color display for ease of use
- Intuitive graphical user interface with multiple language versions
- Optimal washing performance with low residual volumes
- Un-pressurized bottles for safety and convenience
- Cell washing and 384-well plate washing for increased flexibility
- Robot compatibility for increased throughput



| Model | Cat. No. |
|-------------------------------------|----------|
| Wellwash Versa, 100–240 V, 50/60 Hz | 5165010 |

Wellwash

Microplate Washer

- Large color display for ease of use
- Intuitive graphical user interface with multiple language versions
- Optimal washing performance with low residual volumes
- Un-pressurized bottles for safety and convenience



| Model | Cat. No. |
|-------------------------------|----------|
| Wellwash, 100–240 V, 50/60 Hz | 5165000 |