

THERMO SCIENTIFIC MICROPLATE INSTRUMENT SOLUTIONS

KingFisher® Flex

High Throughput DNA/RNA/ Protein/Cell Purification

- Increased flexibility and yield
- Ideal for wide variety of starting materials
- 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, KingFisher mL

Automated DNA/RNA/ Protein/Cell Purification

- Automated purification in microplates and tubes
- High speed performance
- 24 samples for KF, 15 for KF mL
- Flexible and easy programming with Thermo Scientific KingFisher Software
- 20-200 µl volume on KF, 50-1000 µl on KF mL



Model	Cat. No.
KingFisher, 100-240 V	5400000
KingFisher mL, 100-240 V	5400050

Wellwash® AC

Dual Strip Microplate Washer

- Excellent washing performance
- Low residual volume
- Auto rinse
- Washing volume: 50-1000 µl
- Flexible programming/program linking
- 2 buffers, 1 rinse bottle
- High speed
- Robotic compatible



Model	Cat. No.
Wellwash AC, 100-240 V	5161020
Wellwash AC, Big Bottles, 100-240 V	5161030

Wellwash 4 Mk 2

Microplate Washer

- 8 or 12 way head
- Washing volume 50-750 µl
- Proven reliability
- Program cards
- 1 buffer



Model	Cat. No.
Wellwash 4 MK 2, 220-240 V, 50 Hz	5160770
Wellwash 4 MK 2, 100-120 V, 60 Hz	5160772

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 9 plates, 3 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 384 and 96 well solid and strip microplates.
- A complete range of Thermo Scientific single and multichannel pipettes, tips and consumables.
- Laboratory automation solutions for microplate instrument systems.
- Automated Liquid Handling systems.



Thermo Scientific
PlateMate 2x3

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

www.thermo.com/mpi

www.thermo.com/readingroom

www.thermo.com/kingfisher

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Reference Guide



Thermo Scientific
Microplate Instrument
Solutions



THERMO SCIENTIFIC MICROPLATE INSTRUMENT SOLUTIONS

Multidrop® Combi nL

Low Volume Reagent Dispenser

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



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 plates
- 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

Multidrop 384, Multidrop DW

High Speed Microplate Dispensers

- 96 and 384 well formats
- Deep well plates
- 5-395 µl in 384, 20-995 µl in DW
- High speed
- Autoclavable dispensing cassettes
- Superior accuracy and precision
- 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

RapidStak®

Automated Microplate Stacker

- 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

Varioskan® Flash

Spectral Scanning Multimode Microplate Reader

- Unlimited wavelength selection with spectral scanning for TRF, fluorometric, luminometric and photometric assays
- Up to 3 onboard dispensers for optimized kinetic reactions
- Advanced Thermo Scientific SkanIt Software with optional 21 CFR Part 11 compliance



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

Appliskan®

Filter based Multimode Microplate Reader

- Top performance with all reading technologies (fluorescence intensity, luminescence, absorbance, time-resolved fluorescence, fluorescence polarization)
- Variable plate formats and up to two dispensers for changing needs
- Highly visual and flexible SkanIt® Software



Model	Cat. No.
Appliskan, 100-240 V	5320000
Appliskan, 100-240 V with one dispenser	5230010
Appliskan, 100-240 V with two dispensers	5230020

Fluoroskan® Ascent

Microplate Fluorometer

Fluoroskan Ascent FL

Combined Microplate Fluorometer and Luminometer

- 1-384 well formats
- Top/bottom reading
- Robotic compatible
- Up to 3 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

- 1-384 well formats
- High sensitivity
- Up to 3 dispensers
- Incubation and shaking
- Robotic compatible
- Top/bottom reading



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 Spectrum®

Microplate Spectrophotometer

- Reads both microplates and cuvettes
- Plates from 6-384 wells 200 to 1000 nm in 1 nm increments
- Pathlength correction
- Temperature controlled up to 45 °C
- Advanced SkanIt Software with optional 21 CFR part 11 compliance



Model	Cat. No.
Multiskan Spectrum with cuvette, 100-240 V, Drug Discovery Edition of SkanIt Software	51118600
Multiskan Spectrum with cuvette, 100-240 V, Research Edition of SkanIt Software	51118650
Multiskan Spectrum without cuvette, 100-240 V, Drug Discovery Edition of SkanIt Software	51118700
Multiskan Spectrum without cuvette, 100-240 V, Research Edition of SkanIt Software	51118750

Multiskan® FC

Microplate Photometer

- Reliable and robust ELISA reader for research and routine applications
- Large color screen for easy stand alone use
- Logical internal software with multiple language versions
- Superior usability and logical workflow with SkanIt Software
- Designed with 30 years experience in microplate photometry



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