

The Thermo Scientific Multiskan EX is an ideal tool for customers who need a robust and an easy-to-use bench-top microplate photometer for basic ELISA applications.

The Multiskan® EX is a basic reader for endpoint and kinetic assays. The PC software offers a wide range of data reductions and report generations. Additionally, the Multiskan EX with onboard software is IVD compliant.

Thermo Scientific Multiskan EX



The Multiskan EX range of applications include:

- Immunoassays
- Protein assays
- Growth curve and hormone assays
- Endotoxins
- Food diagnostics
- HIV assays
- Hybridization assays
- Minisequencing assays
- Cytotoxicity
- Cell adhesion
- Signal transduction
- Endotoxins
- Antioxidants
- Food diagnostics

Exceptional reliability and extended 3-year warranty

The Multiskan EX has earned a global reputation as the most reliable photometer on the market, making it ideal for demanding laboratory environments where technical support is not readily available.

Thermo Scientific Ascent Software

The Thermo Scientific Ascent Software is supplied free of charge with the purchase of the instrument. The open assay setup

and comprehensive data handling of Ascent Software enable various research applications.

Proven optical system

The Multiskan EX uses a proven optical system which ensures reliable and repeatable results.

Easy to learn and use

Both the onboard and the powerful PC software are easy to use, making the Multiskan EX ideal for laboratories with changing demands or high staff turnover.

IVD compliance package

The Multiskan EX with onboard software complies with the IVD (in vitro diagnostics) Directive 98/79/EC (Note the EU Directive is not valid in North America), which makes it ideal for clinical customers running diagnostic assays.

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A	BLANK Un 1 1:1	SAMPLE Un 1 1:1	SAMPLE Un 9 1:1	SAMPLE Un 17 1:1	SAMPLE Un 25 1:1	SAMPLE Un 33 1:1	SAMPLE Un 41 1:1	SAMPLE Un 49 1:1	SAMPLE Un 57 1:1	SAMPLE Un 65 1:1	SAMPLE Un 73 1:1	SAMPLE Un 81 1:1	A
B	CALIBR. Un 2 1:1	SAMPLE Un 10 1:1	SAMPLE Un 18 1:1	SAMPLE Un 26 1:1	SAMPLE Un 34 1:1	SAMPLE Un 42 1:1	SAMPLE Un 50 1:1	SAMPLE Un 58 1:1	SAMPLE Un 66 1:1	SAMPLE Un 74 1:1	SAMPLE Un 82 1:1	SAMPLE Un 90 1:1	B
C	CALIBR. Un 3 1:1	SAMPLE Un 11 1:1	SAMPLE Un 19 1:1	SAMPLE Un 27 1:1	SAMPLE Un 35 1:1	SAMPLE Un 43 1:1	SAMPLE Un 51 1:1	SAMPLE Un 59 1:1	SAMPLE Un 67 1:1	SAMPLE Un 75 1:1	SAMPLE Un 83 1:1	SAMPLE Un 91 1:1	C
D	CALIBR. Un 4 1:1	SAMPLE Un 12 1:1	SAMPLE Un 20 1:1	SAMPLE Un 28 1:1	SAMPLE Un 36 1:1	SAMPLE Un 44 1:1	SAMPLE Un 52 1:1	SAMPLE Un 60 1:1	SAMPLE Un 68 1:1	SAMPLE Un 76 1:1	SAMPLE Un 84 1:1	SAMPLE Un 92 1:1	D
E	CALIBR. Un 5 1:1	SAMPLE Un 13 1:1	SAMPLE Un 21 1:1	SAMPLE Un 29 1:1	SAMPLE Un 37 1:1	SAMPLE Un 45 1:1	SAMPLE Un 53 1:1	SAMPLE Un 61 1:1	SAMPLE Un 69 1:1	SAMPLE Un 77 1:1	SAMPLE Un 85 1:1	SAMPLE Un 93 1:1	E
F	CALIBR. Un 6 1:1	SAMPLE Un 14 1:1	SAMPLE Un 22 1:1	SAMPLE Un 30 1:1	SAMPLE Un 38 1:1	SAMPLE Un 46 1:1	SAMPLE Un 54 1:1	SAMPLE Un 62 1:1	SAMPLE Un 70 1:1	SAMPLE Un 78 1:1	SAMPLE Un 86 1:1	SAMPLE Un 94 1:1	F
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H	CONTROL Un 8 1:1	SAMPLE Un 16 1:1	SAMPLE Un 24 1:1	SAMPLE Un 32 1:1	SAMPLE Un 40 1:1	SAMPLE Un 48 1:1	SAMPLE Un 56 1:1	SAMPLE Un 64 1:1	SAMPLE Un 72 1:1	SAMPLE Un 80 1:1	SAMPLE Un 88 1:1	SAMPLE Un 96 1:1	H
	1	2	3	4	5	6	7	8	9	10	11	12	

Thermo Scientific Multiskan EX

Wavelength selection	Filters
Wavelength range	400 – 750 nm
Filters	8-position filter wheel. Standard filters 405 nm, 450 and 620 nm. Other filters available upon request.
Read-out range	0 – 3.5 Abs
Linearity	0 – 2 Abs, $\pm 2.0\%$ at 405 nm
Accuracy	$\pm 2.0\%$ or ± 0.007 Abs whichever is greater, typical value $\pm 1\%$ (0 – 2.0 Abs) at 405 nm
Precision	CV $\leq 0.5\%$ (0.3 – 1.5 Abs) at 405 nm CV $\leq 1.0\%$ (1.5 – 2 Abs) at 405 nm
Resolution	0.001 Abs
Plate types	96-well plate
Measurement speed	5 s, 96-well plate
Light source	Quartz tungsten halogen lamp
Detector	Eight (8) silicon photodetectors
Shaking	Linear shaking, 3 speeds
User interface	On-board or PC control
Computer interface	RS-232C serial interface
Dimensions (HxWxD)	188 mm (H) x 486 mm (W) x 356 mm (D) 7" (H) x 19.3" (W) x 356" (D)
Weight	12.5 kg (27.5 lbs.)

Ordering Information

Cat. No	Description
51118170	Multiskan EX 200-240V, 50/60 Hz Includes Includes Ascent Software and three Standard Filters: 405nm, 450nm, 620nm
51118177	Multiskan EX 100 -120 V, 50/60 Hz Includes Ascent Software and three Standard Filters: 405nm, 450nm, 620nm

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North America: USA/Canada 1 800 345 0206

Europe: Austria +43 1 801 40 0, Belgium +32 2 482 30 30, France +33 2 2803 2180,
Germany national toll free 08001-536 376, Germany international +49 6184 90 6940,
Italy +39 02 02 95059 448, Netherlands +31 76 571 4440, Nordic/Baltic countries +358 9 329 100,
Russia/CIS +7 (495) 739 76 41, Spain/Portugal +34 93 223 09 18,
Switzerland +41 44 454 12 12, UK/Ireland +44 870 609 9203

Asia: China +86 21 6865 4588 or +86 10 8419 3588, India toll free 1800 22 8374
India +91 22 6716 2200, Japan +81 45 453 9220, Other Asian countries +852 2885 4613

Countries not listed: +49 6184 90 6940 or +33 2 2803 2180

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