interscience

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	Scan® 300 Automatic colony counter	Ref. 436 300
	Essential features. Scan® 300 is an automatic colony counter. It counts colonies on a Petri dish in less than half a second and gives you quick, accurate, complete and traceable reading of the results. With its CCD camera and powerful software, it connects to a PC via Firewire connection automatically export results to Excel™.	

TECHNICAL SPECIFICATIONS

► Stainless steel, compact (24 cm width)
► CCD camera, zoom x7
► Camera resolution: 640 x 480 pixels
► 6 combinations of lighting and backgrounds
► One cursor to optimize counting
► Brightness, contrast and sensitivity automatically optimized by the software
► Automatic adjustment of the counting area
► Automatic settings for more than 20 pres-set media (PCA/TSA, MRS, VRBL, TBX, TSC, Baird Parker, GVPC, L.Mono, YM and more…)
► Counts on: Petri dishes (55-90 mm), Spiral® plates
► Minimum size of detected colony: 0.1 mm
► Automatic separation of clustered colonies
► Creation of polygonal exclusion zones
► Manual addition and removal of colonies
► Long lasting LED lighting with Dark Field technology
► User friendly software: press one button to count
► Export of data to Excel™, PDF
► Software in French, English, Japanese, Chinese, Russian, Spanish
► Traceability: automatic saving and report printout of all data, images and results
► Traceability formats: Excel™, JPEG, BMP and PDF
► LIMS and barcode reader connections

MINIMUM COMPUTER REQUIREMENTS:
► Operating system: Windows XP, Vista and 7
► Processor: Intel (recommended) or other
► Frequency: 1,5 GHz or better
► RAM size: 2 Go or better
► Features: FireWire connector (6 pins) or free PCI slot, CD-ROM drive
► Screen resolution: 1280 x 1024 pixels or better recommended
► Computer type: Desktop computer recommended (laptop not recommended)

► Power: ~100-240V **/** 50-60Hz
► Machine: size (L x W x H): 28 x 27 x 29 cm, weight: 7 kg
► Box: size (L x W x H): 50 x 40 x 40 cm, weight: 10.9 kg

► 3 year guarantee (after registration)
► 3 year software update (after registration)
► Life time service
► In compliance with CFR21 part 11
► Designed and made in France
  Manufactured under: ISO 9001 V2000, CE, WEEE 2002/96/EC, RoHS 2002/95/EC standards

DELIVERED WITH

► 1 FireWire PCI card
► FireWire PCMCIA adapter
► Expresscard, 4/6 pins adapters
► Scan® software CD-ROM
► Connecting cables
► 2 validation plates

► User manual, IQ/OQ/PQ guidelines
► Quick user guide

OPTIONS / ACCESSORIES

► Ref. 436 005   Adapter for 55 mm plates
► Ref. 436 100   Computer (Dell deskstop with Vista or Windows 7(GB), with program installed)
► Ref. 522 000   Barcode reader