



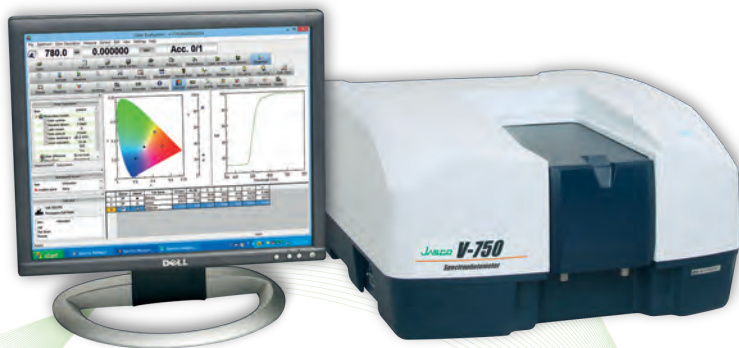
ABL&E-JASCO



Laboratory
instruments
and equipment

2023-2024

Albania, Austria, Bosnia and Herzegovina, Bulgaria, Croatia, the Czech Republic, Hungary, Moldova, Montenegro, North Macedonia, Poland, Romania, Serbia, Slovakia, Slovenia



Spectrophotometers for Life Sciences

Metertech UV/VIS, VIS spectrophotometers



V-700 UV/VIS/NIR spectrophotometers

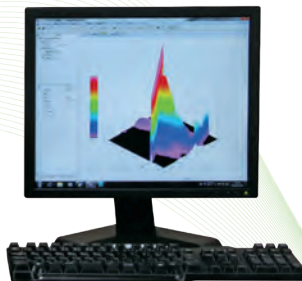
- Controlled with a touch-screen unit or with a computer software, for routine and research applications



Wide range of cuvette holders and options



FP-8050 Fluorometers

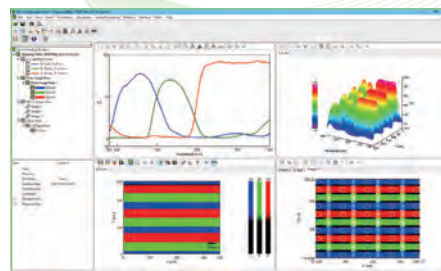
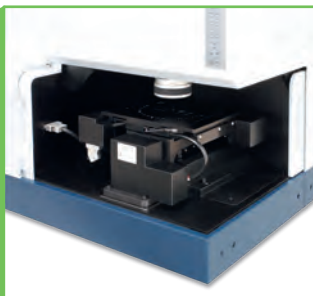


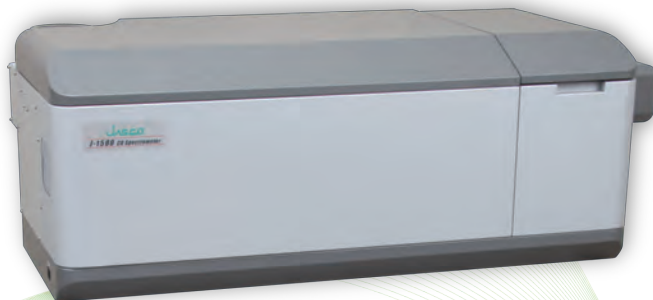
Spectra Manager: integrated control and data collection software package

- Software options for special applications
- Data integrity and 21 CFR Part 11 compliance

- Fluorescence, chemiluminescence, phosphorescence measurements

MSV-5000 Microscopic UV/VIS/NIR spectrometers





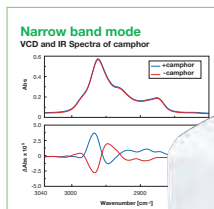
J-1000 CD spectropolarimeters



P-2000 polarimeters

- Instruments with sodium (Na), mercury and halogen lamps
- Wide selection of cuvettes

Vibrational CD spectrometers (VCD)



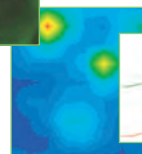
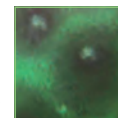
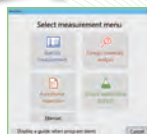
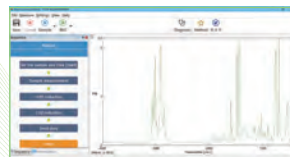
CPL-300 spectrometer

- Circularly polarized luminescence spectrometer

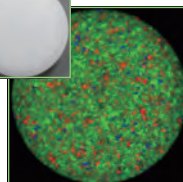
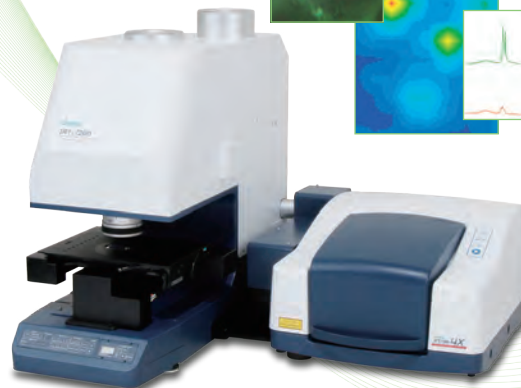


Spectroscopy

FT/IR-4X, 6X and
8X spectrometers



Raman
spectrometers



FTIR
microscopes

SPR



- 2- and 4-channel surface plasmon resonance spectrometers
- Automatic, semi-automatic and manual equipment

HPIMS

- High performance ion mobility spectrometer
- For pharmaceutical, chemical and food industry cleaning validation



Flame photometers

- Determination of Na, K, Li, Ca, Ba, Cs, Rb and Sr
- Manual and automatic systems



Spectroscopy accessories



- Accessories for FTIR spectrometers of different manufacturers
- Fix and demountable liquid cells
- Variable and fix pathlength gas cells
- Film and pellet holders
- Polarisers, filters



- ATR and diffuse reflectance accessories
- Integrating spheres
- Heatable, coolable sample holders



- Fiber optic probes for FTIR, UV/VIS/NIR, Raman and fluorescence measurements
- ATR, reflection and transfection probes
- Use for laboratory and industry (PAT) applications



- Manual and automatic presses for FTIR, XRF sample preparation

- Quartz and glass cuvettes

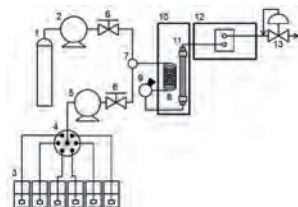


- Certified reference materials for UV/VIS/NIR spectrophotometers, fluorometers and FTIR
- USP, EP compliance
- Recertification

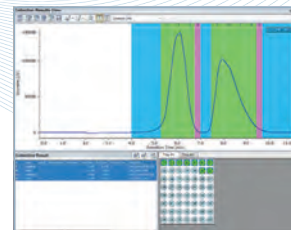
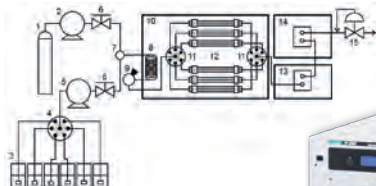
JASCO SFE/SFC/HPLC systems



- Supercritical extraction and chromatography systems, modules
- Sample preparation and analysis in one system
- Analytical and preparative chiral separations



Semipreparative, preparative systems, fraction collectors

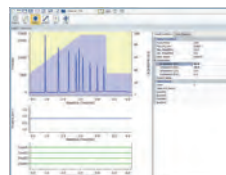


JASCO LC-4000 HPLC systems, modules

Detectors:

- UV/VIS detectors:
 - diode array detectors
 - dual-channel detectors
- Fluorescence detector
- Chemiluminescence detector
- Refractive index detector
- Polarimetric detector
- Circular dichroism detector
- Antec electrochemical detectors

- General purpose classical and rapid chromatography (700 bar) and UHPLC (1300 bar) systems, modules
- ChromNAV 2 complete control and data processing system



Dissolution

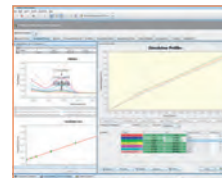
- Classic6, Elite8 dissolution baths
- 6, 7, 8 positions baths, 1 and 2 liters vessels
- Manual and automatic samplers



Dissolution

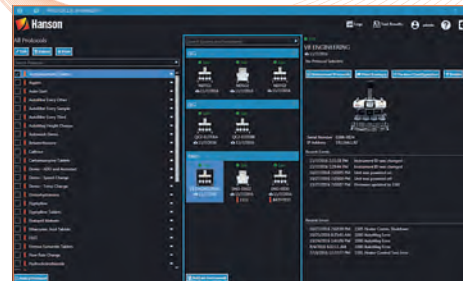


- Automatic filter changer and filter holder
- On-line UV/VIS connection
- „Intrinsic dissolution” tests
- Small volume accessories



Protocol Manager software

- Unlimited storage of protocols, events and dissolution test reports
- Transfer of dissolution protocols among instruments
- Digital signature and archiving of test results
- 21 CFR Part 11 and data integrity compliance



CD14 comparative dissolution tester

- 2x6+2 positions dissolution bath
- 12- and 6-tablet tests
- Manual and automatic systems



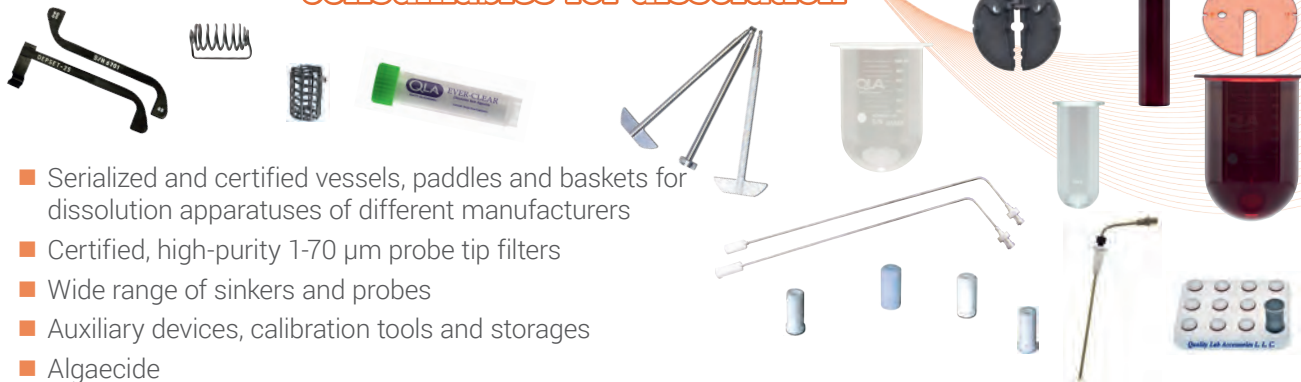
Vessel washer

- Mobility, simple operation
- Selective hazardous material collection



Accessories and consumables for dissolution

- Serialized and certified vessels, paddles and baskets for dissolution apparatuses of different manufacturers
- Certified, high-purity 1-70 µm probe tip filters
- Wide range of sinkers and probes
- Auxiliary devices, calibration tools and storages
- Algacide



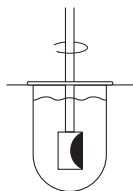


Disintegration test



- 1-, 4-basket automatic systems
- Standard and „bolus “ baskets
- Magnetic snap-on mechanism
- Automatic examination of various drug forms (e.g. soft capsules) containing residual materials
- 21 CFR Part 11 and data integrity compliance

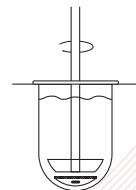
Dissolution and diffusion test of transdermal forms



- Paddle over disk (App. 5)
- Rotating cylinder (App. 6)
- Immersion cells

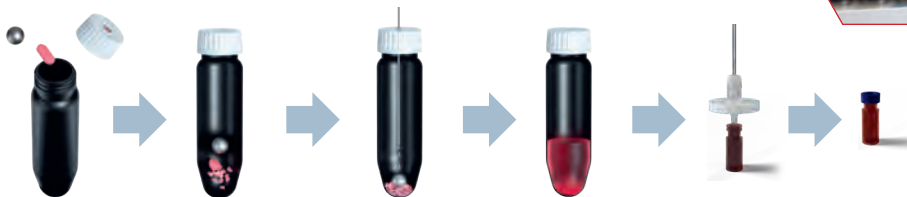


- Manual and automatic diffusion cell systems
- USP <1724> compliance
- IVRT and IVPT tests



Sample preparation workstation

- Pharmaceutical, food safety and plant protection applications
- Automated, documented sample preparation of solid, semi-solid and liquid samples
- Accurate liquid dosage ensured by weight measurement
- Dry and wet sample extraction with ball mill
- Filtration and dilution
- Sample collection into the HPLC vials, capping
- Optional ultrasonic bath and centrifuge
- On-line HPLC interface
- 21 CFR Part 11 and data integrity compliance



Diagnostic kits



- Medical diagnostic kits (for chromatographic determination of biogenic amines, vitamins, steroids, antidepressants, antiepileptic drugs, therapeutic drug monitoring, etc.)
- Kits for HPLC, UHPLC, LC-MS/MS systems
- Control samples and calibration standards
- IVD certification



Ultrasonic processors, homogenizers



Syringe filters, membrane filters

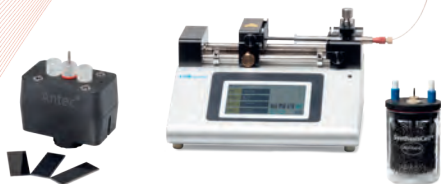
- Diameter 13, 25 and 47 mm
- Pore size 0.2, 0.45 and 1 μ m
- Membranes: Nylon, PTFE, PVDF, cellulose, etc.



Chromatographic columns

Electrochemical reactors

- Modelling of metabolism reactions
- On-line MS connection
- Forming of redox products
- Proteomics examinations
- Reduction of disulfide bonds



Sample extractor



- XTRX500 extractor for crushing and extracting of tablets, powders and capsules
- 25-500 ml solution volumes

Sample evaporators

- Gentle and rapid sample evaporation with gas blowing





Jasco



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The offer range somewhat differs from country to country as the corresponding agreements
with our manufacturer partners require.