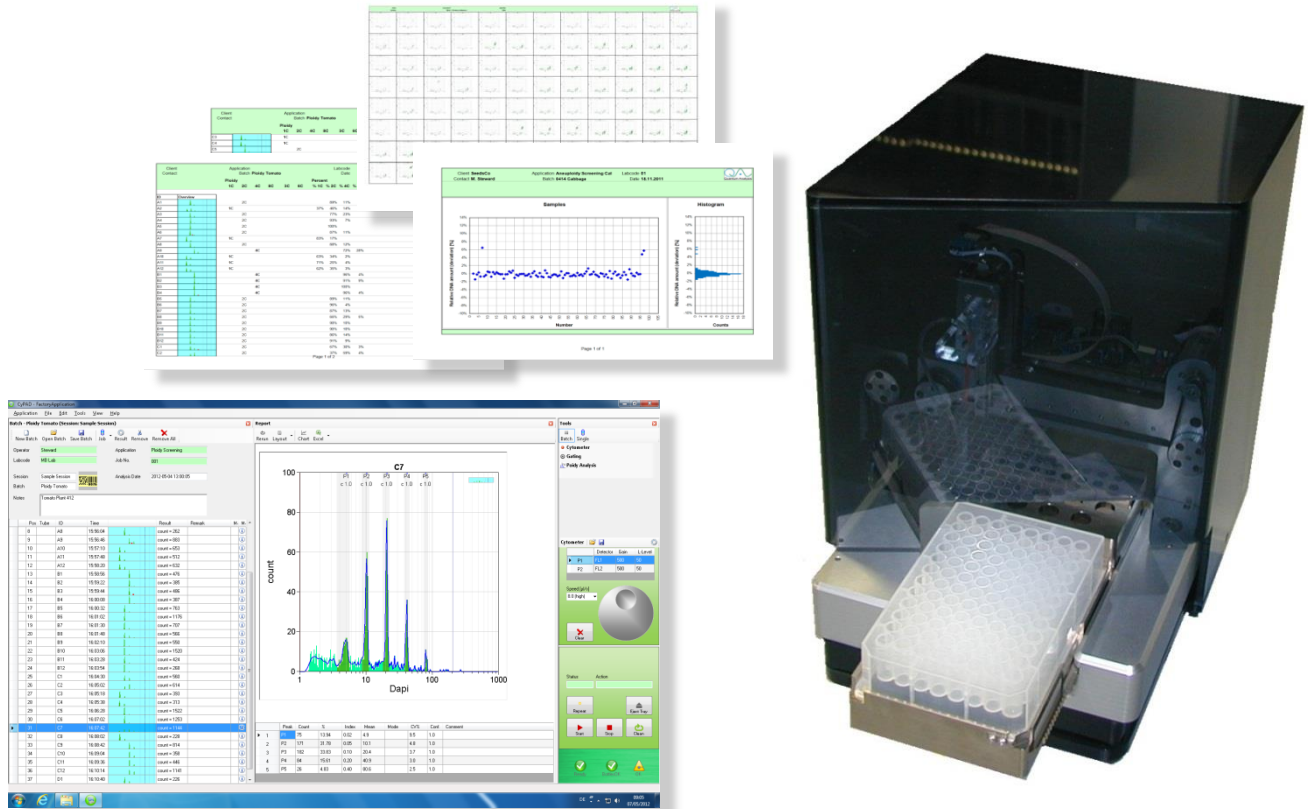


CyPAD[®] + pocketSPU

High Throughput – Compact – Well Plate Sample Automation for Flow Cytometry

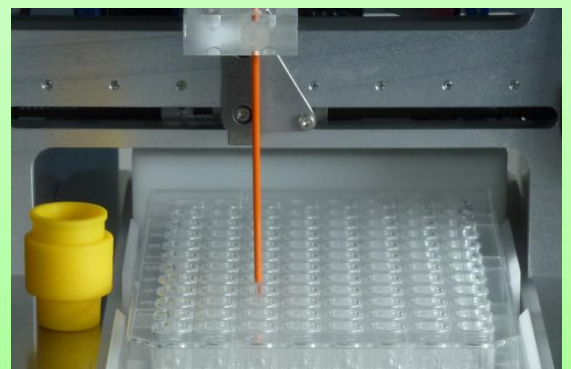


Applications

- high throughput automated plant and animal DNA ploidy and cell cycle analysis (DAPI or PI)
- aneuploidy screening
- multi-parametric biochemical screening (multiplex beads techniques)
- flexible support for new applications

Features

- throughput up to 800 samples / h
- time per sample down to 4 s
- high speed by miniaturized low inertia design
- low sample cross contamination <0.1%
- 24, 96 and 384 well plates (including deep wells)
- individual sample tubes
- CyPAD[®] software for full automation control
- compatible to Partec CyFlow[®] SL/Space
- lab-friendly design: easy maintenance
- small laboratory space requirements
- remote assistance



Technical Specifications

Feature	Specification
analysis time ¹⁾	down to 4 s per well <10 min/96 well plate
sample analysis speed	0.5...20 µl/s
analysis volume range	5...1000 µl
minimum sample volume	50 µl
sample re-suspension option	yes
customer specific automation	open system design, individual support
automated results reporting	Excel (macro-free), XML, optional LIMS connections
sample preparation (add and incubate reagents)	flexible configurations upon request
sample cross contamination ¹⁾	<0.1%
system requirements	FCM (Partec CyFlow SL/Space) with Windows PC (Windows 7 or newer) with MS Office/Excel (2010 or newer). FCM upgrade by technician recommended.
compact size	200 x 320 x 280 mm (b x w x h), 5 kg.

Well Plate Options (details and support of other well plates upon request)

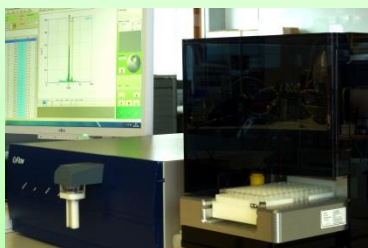
No. of Wells	60 ²⁾	24	96 ³⁾	96	384 ³⁾	384
volume per well / µl	2000	2500	300	500	100	200
well height / mm	40	15	15	22	15	22

¹⁾ Application dependent specifications and recommendations. Please inquire for application specific demonstrations.

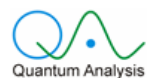
²⁾ individual sample tubes ³⁾ recommended standard for most applications

Order Code	Product		Price [*]
09-3400	pocketSPU	High Speed - Compact - Well Plate Sample Loader including: FCM fluidics upgrade with computer controlled sample pump and valves assembly CyPAD® software for instrument and automation control, automated data analysis and results reporting accessory starter-kit training and on-site installation	upon request
04-3400-01	pocketSPU sample tubing	sample tubing including sample needle 10 pcs. package	€ 29.-

^{*} Recommended end customer price; OEM distributor prices upon request.



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