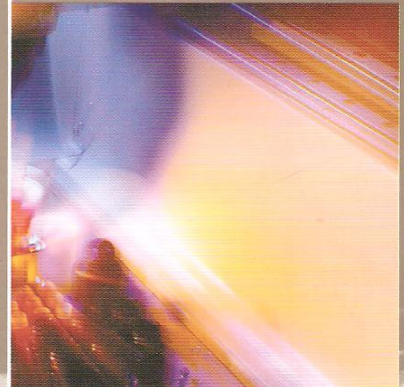
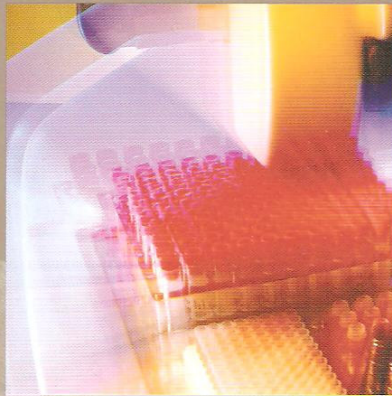




IMMUNOFLUORESCENCE PROCESSOR

iPRO



By Specialists, for Specialists



BioSystems

REAGENTS & INSTRUMENTS

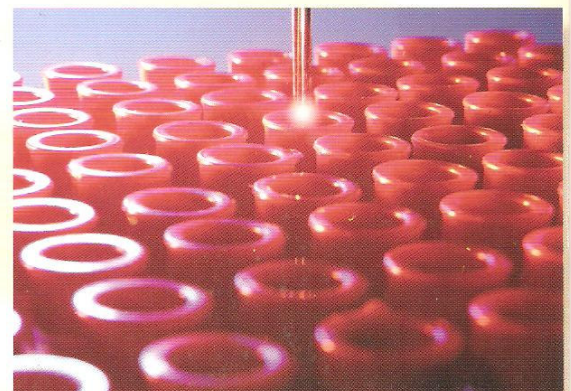


The Global IF Approach: Automation



- A global approach to the immunofluorescence process: Biosystems Autoimmune Diseases products fulfil the complete system, providing the highest quality and a fully standardized process.
- 16 IFA slides - 96 samples - Serial or user-defined dilutions - Sample dispensing, washing and incubations.
- Full Automation and Traceability.
- Robustness and Reliability: The i-PRO automatic immunofluorescence processor permits real walk-away IF assays.
- Absolute confidence: From routine to speciality and research, Biosystems products are supported by thousands of satisfied professionals worldwide.

Everything carefully designed to achieve optimal performance.



TECHNICAL FEATURES

Sample predilution cycle	26 s (with 2 mL of buffer solution)
Sample dispensation cycle	17 s (with 2 mL of buffer solution)
Reagent dispensation cycle	40 s for a 12 well slide with 25 μ L each, including 1.5 mL of buffer solution
Reagent volume	20 μ L minimum by steps of 1 μ L
Sample volume	3 μ L minimum
Sample dispensation	CV<2% at 25 μ L
Reagent dispensation	CV<2% at 25 μ L
Sample tray	Interchangeable racks (13mm x 100 mm, 15 mm x 100 mm or 2 mL)
Dilution tray	96 vials (1.2 mL)
Slides (plates)	16 (2)
Reagent tray	8 conjugates (15 mL), 8 controls (2 mL), 1 additional diluent (50 mL)
Reagents reservoirs	1 L bottle of distilled water for end day washing, 1 L waste bottle, 1 L buffer bottle
Level sensor probe	Conductive
Slide washing	Flux system utilizing simultaneous use of dispensing and aspirating probes
Barcode reader	Hand-held barcode reader (traceable slides)
Weight	68 Kg
Dimensions	101 x 62 x 50 cm (l x d x h); h=94 cm with cover opened
Power requirements	110-240 VAC, 50-60 Hz, 150 VA
Certificates	98/79/CE



BioSystems, S.A reserves the right to change specifications of the instrument at any time due to technical improvements.



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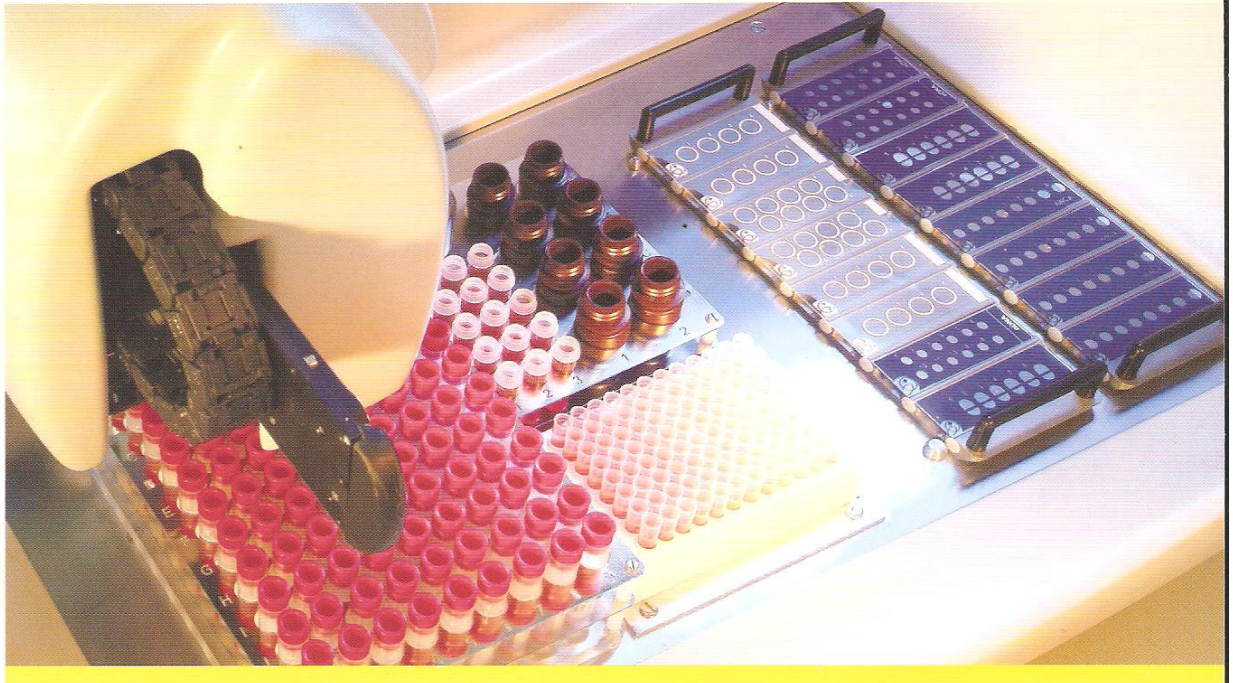
Manufactured by: **BioSystems S.A.**

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biosystems@biosystems.es www.biosystems.es

BTS/09-09
Cod. 99769



- Certified Management System
- EN ISO 9001
- EN ISO 13485



USER - FRIENDLY SOFTWARE

- The instrument can manage up to 8 methods on the same run, 1 sample diluent and washing buffer.
- User-friendly setting up of the instrument: preprogrammed methods and slides.
- Complete walk-away operation. Full automation of predilution, sample transfer, serial dilution, slide washing, incubation and conjugate addition.
- 96 dilutions, programmable by the user (serial or defined by user).
- Optimized working session times: 16 slides processing in a single step and in less than 3 hours.
- Extremely sensitive probe height adjustment.
- Hand-held barcode reader for sample ID and reagents identification (test, type of slide, lot and serial number). Everything to ensure maximum traceability in the process.



BioSystems reagents fulfil the IFA System Concept. Bar-coded slides ensure a unique traceability: from origin to results.

