Y15

BioSystems

Food Analysis Made Easy

FOODQUALITY
BY BIOSYSTEMS

We help you ensure food quality and safety

The software has been custom-designed for this kind of analysis and various filters are included (340, 405, 420, 520, 560, 600, 620, 635 and 670 nm), which makes the Y15 a unique analyzer for highly reliable testing.

The techniques are preprogrammed and validated by the Bio-Systems R&D Department to ensure minimal user involvement, thus facilitating the work from the start.

The simple, user-friendly interface and open-source programming of the software make the Y15 a versatile analyzer that can be adapted to any need.

- Monitoring of the reaction curve
- Multiple calibration possibilities
- Sample and reagent positioning

Y15

Y15 is an automatic analyzer designed for food laboratories. Regardless of the matrix, the analyzer offers multiple setup possibilities to adapt to the client's needs.

Y15 is a smart investment. The dedicated reagents were designed in parallel with the Y15 to optimize performance and offer a unique system.

- Minimal manipulation
- Fast and convenient
- Reagent cost savings

Small reagent and sample volumes per assay, low water consumption and minimal maintenance help to reduce laboratory operating costs.

Technical Specifications

Random Access automatic analyser.
Photometric reading directly on the reaction rotor.

Y15
Y15c

Analysis speed	150 tests/hour
Number of rack positions — Y15 Number of rack positions — Y15c	4 (samples and/or reagents) 2 (samples and/or reagents)
Number of samples per rack	24 (multiuse racks)
Number of reagents per rack	10 (20 and 50 mL bottles)
Number of cooled reagents — Y15c	10 (20 mL bottles) and 10 (50 mL bottles)
Maximum number of samples/reagents — Y15 Maximum number of samples/reagents — Y15c	72 samples / 30 reagents 48 samples / 30 reagents
Sample tubes	ø13 mm, ø15 mm (maximum height 100 mm)
Standard vial	ø13 mm
Programmable reagent volume — A / B	10 µL - 600 µL / 10 µL - 200 µL
Programmable sample volume	2 µL - 80 µL
Removable methacrylate rotor	
Number of wells in the rotor	120
Automatic pre- and post-dilutions	
Permissible reaction volumes	180 µL - 800 µL
Measurement range	from -0.05 A to 3.6 A
Filter drum configuration	340, 405, 420, 520, 560, 600, 620, 635, 670 nm
Dimensions	840 x 670 x 615 mm (length x depth x height)
Weight	45 kg

99885
BTS/12-20

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