

1 2 3 4 Automatic enzyme analyzers, ITALO series

ITALO, Automatic Enzyme Analyzer.

Complete with touch-screen PC.

Reagent and samples barcode reader, level and obstacle sensor, cooling system for reagents, starting kit.

Type	Description	PK	Cat. No.
Italo Evolution	40 reagents & 64 samples positions. Cooled samples & reagents. Kit in bottles. Reduced H ₂ O consumption.	1	A11320
Italo S	24 reagents & 24 samples positions. Cooled reagents compartment. Kit in bottles. Reduced H ₂ O consumption.	1	A11391
Italo M	20 reagents & 15 samples positions. Cooled reagents compartment. Fully automatic. Special kits.	1	A11331
Italo L	44 reagents & 49 samples positions. Cooled reagents compartment. Fully automatic. Special kits.	1	A11360



1 Enzyme Kits for automatic Analyzers

SLR (Stable Liquid Reagent)
For O.I.V. approved methods

Description	Tests n.	PK	Cat. No.
ACETIC ACID Enzymatic UV	Automatic 450 / Manual 45	1	EN001LM15
CITRIC ACID Enzymatic UV	Automatic 280 / Manual 28	1	EN003M15
D-GLUCONIC ACID Enzymatic UV	Automatic 410 / Manual 82	1	EN004BM15
ENOCAL LD 1x10 mL Calibrator	/	1	EN050STD-LD-FL
D-LACTIC ACID Enzymatic UV	Automatic 410 / Manual 82	1	EN006BM15
D-LACTIC ACID STANDARD 0,60 g/L 1x10 mL	/	1	EN006-STD-FL
L-LACTIC ACID Enzymatic UV	Automatic 410 / Manual 82	1	EN005BM15
ASCORBIC ACID Enzymatic UV	Automatic 302 / Manual 60	1	EN131BM15
L-ASCORBIC STANDARD 500 mg/L 10x10 mL	/	1	EN131-STD-FL
L-MALIC ACID Enzymatic UV	Automatic 410 / Manual 82	1	EN007BM15
PYRUVIC ACID Enzymatic UV	Automatic 354 / Manual 70	1	EN017BM15
PYRUVIC ACID STANDARD 0,4 g/L 1x10 mL	/	1	EN017-STD-FL
TARTARIC ACID Enzymatic UV metavanadate ammonium	Automatic 370 / Manual 54	1	EN021AM15
TARTARIC ACID STANDARD 5 g/L 1x10 mL	/	1	EN021-STD-FL
TOTAL ACIDITY 6X33 mL	Automatic 530 / Manual 100	1	EN134M15
TOTAL ACIDITY STANDARD 8,00 g/L 1x10 mL	/	1	EN134STD-FL
ACETIC ALDEIDE Reagent + Lyophilised 5x20 mL (Standard included)	Automatic 500 / Manual 50	1	EN009
ACETIC ALDEIDE STANDARD 100 mg/L 1x10 mL	/	1	EN009-STD-FL
CARBON DIOXIDE CO ₂	Automatic 330 / Manual 33	1	EN100M15
CARBON DIOXIDE STANDARD 1300 mg/L, 1x10 mL	/	1	EN100STD-FL
ANTHOCYANIS	Automatic 565 / Manual 73	1	EN011M15
AMMONIA NITROGEN Enzymatic UV	Automatic 410 / Manual 41	1	EN008BM15
NITROGEN AMINO-ALPHA O-phthalaldehyde UV	Automatic 410 / Manual 41	1	EN010BM15
NITROGEN, AMINO-ALPHA STANDARD 250 mg/L 1x10 mL	/	1	EN010-STD1-FL
IONIC CALCIUM Arsenazo III	Automatic 355 / Manual 35	1	EN020BM15
IONIC CALCIUM STANDARD 200 mg/L 1x10 mL	/	1	EN020-STD1-FL
CATECHINS	Automatic 410 / Manual 41	1	EN019LM15
CATECHINS STANDARD 500 mg/L 1x5 mL	/	1	EN019-STD-FL
COLOUR 420-520-620	Automatic 1090 / Manual 54	1	EN024M15
IONIC IRON Feren S	Automatic 410 / Manual 41	1	EN016M15
IONIC IRON STANDARD 20 mg/L 1x10 mL	/	1	EN016-STD-FL
GLYCERINE Enzymatic, OIV method	Automatic 306 / Manual 37	1	EN015UVM15
GLUCOSE-FRUCTOSE Enzymatic UV	Automatic 415 / Manual 41	1	EN014M15
GLUCOSE-FRUCTOSE STANDARD 20 g/L 1x10 mL	/	1	EN014-STD20-FL
GLUCOSE Enzymatic UV	Automatic 410 / Manual -	1	EN140M15
ALCOHOLIC DEGREE 2x37 + 2x8.5 + 3x10 mL	Automatic 410 / Manual 41	1	EN132
MAGNESIUM Xilidile blue	Automatic 350 / Manual 35	1	EN025BM15
MAGNESIUM STANDARD 120 mg/L 1x10 mL	/	1	EN025-STD-FL
TOTAL POLYPHENOLS Folin-Ciocalteus	Automatic 274 / Manual 27	1	EN018M15
TOTAL POLYPHENOLS STANDARD 3 g/L 1x10 mL	/	1	EN018-STD-FL
TOTAL POLYPHENOLS modified	Automatic 274 / Manual -	1	EN018BM15
TOTAL POLYPHENOLS modified STANDARD 3 g/L 1x10 mL	/	1	EN018B-STD-FL
TURBIDIMETRIC POTASSIUM	Automatic 305 / Manual 31	1	EN026M15
POTASSIUM STANDARD 1500 mg/L 1x10 mL	/	1	EN026-STD-FL
pH	Automatic 452 / Manual 45	1	EN150M15
pH STANDARD, n. 3 standards 1x10 mL	/	1	EN150STD-FL
COPPER (standard INCLUDED 2-1-0.1 mg/L)	Automatic 420 / Manual 90	1	EN013BM15
COPPER STANDARD 2-1-0.1 mg/L	/	1	EN013-STD
FREE SO ₂	Automatic 321 / Manual -	1	EN022OX15
FREE SO ₂ STANDARD 60 mg/L 1x10 mL	/	1	EN022OXB-STD-FL
TOTAL SO ₂	Automatic 330 / Manual -	1	EN023BM15
TOTAL SO ₂ STANDARD 120 mg/L 1x10 mL	/	1	EN023B-STD-FL
UREA Enzymatic UV	Automatic 350 / Manual 35	1	EN055M15
UREA STANDARD, 500 mg/L, 1x10 mL	/	1	EN055-STD-FL
TOTAL SUGARS 2x7 mL Standard included 10 g/L (saccharose) 1x10 mL	Automatic 415 / Manual 41	1	EN141

NOTE: to be used with GLU-FRU kit

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Consumables and Spares for Enzyme Analyzers

Description	PK	Cat. No.
Diluent 3x30 mL	1	ENDILM15
Rinse solution (EW Prb) 6x20 mL	1	P3140000275
Rinse solution (EW Cvt) 6x35 mL	1	P3140000274
Sample cups 3 mL	1000	P3140000001
Sample cups 3 mL (also valid for Italo S)	250	P3140000001-250
Cylindrical test tubes PP, 12x75 mm	1000	110440-1000
Polystyrene cylindrical test tubes, 3 mL 15x56 (100 pcs) + PE finned caps (100 pcs)	1	F11340
System solution 6x50 mL	1	P3140000087
Additive for system solution	1	E203M
Washing solution 1x5 litres	1	D111.
Distilled water, 20 lt	1	D002-20
Sampling needle	1	P3140000352
Reading cuvettes	1	P3140000093-1
Reading cuvettes	80	P3140000093-80
Peristaltic pump head, white	1	P3140000277
Peristaltic pump head, red	1	P3140000278
Peristaltic pump head, orange	1	P3140000279
Peristaltic pump head, light blue	1	P3140000280
Spare lamp, for Italo & Miura series	1	P3140000350



1 Enzyme Kits for Italo S and Evolution

SLR (Stable Liquid Reagent)
For O.I.V. approved methods

Description	Tests n.	PK	Cat. No.
ACETIC ACID Enzymatic UV	Automatic 150 / Manual 15	1	EN001IS
CITRIC ACID Enzymatic UV	Automatic 150 / Manual 15	1	EN003IS
D-GLUCONIC ACID Enzymatic UV	Automatic 150 / Manual 15	1	EN004IS
ENOAL LD 1x10 mL Calibrator	/	1	EN050STD-LD-FL
D-LACTIC ACID Enzymatic UV	Automatic 150 / Manual 15	1	EN006IS
D-LACTIC ACID STANDARD 0,60 g/L 1x10 mL	/	1	EN006-STD-FL
L-LACTIC ACID Enzymatic UV	Automatic 150 / Manual 15	1	EN005IS
ASCORBIC ACID Enzymatic UV	Automatic 150 / Manual 15	1	EN131IS
L-ASCORBIC STANDARD 500 mg/L 1x10 mL	/	1	EN131-STD-FL
L-MALIC ACID Enzymatic UV	Automatic 150 / Manual 15	1	EN007IS
PYRUVIC ACID Enzymatic UV	Automatic 150 / Manual 15	1	EN017IS
PYRUVIC ACID STANDARD 0,40 g/L 1x10 mL	/	1	EN017-STD-FL
TARTARIC ACID Enzymatic UV	Automatic 150 / Manual 15	1	EN021IS
TARTARIC ACID STANDARD 5 g/L 1x10 mL	/	1	EN021-STD-FL
TOTAL ACIDITY 6x33 mL	Automatic 265 / Manual 50	1	EN134IS
TOTAL ACIDITY STANDARD 8,00 g/L 1x10 mL	/	1	EN134STD-FL
ACETIC ALDEIDE Reagent + Lyophilised 5x20 mL STD included 100 mg/L	Automatic 500 / Manual 50	1	EN009
ACETIC ALDEIDE STANDARD 100 mg/L 1x10 mL	/	1	EN009-STD-FL
CARBON DIOXIDE CO ₂ Enzymatic UV	Automatic 150 / Manual 15	1	EN100IS
CARBON DIOXIDE STANDARD 1300 mg/L 1x10 mL	/	1	EN100STD-FL
ANTHOCYANIS	Automatic 343 / Manual 40	1	EN011IS
AMMONIA NITROGEN Enzymatic UV	Automatic 150 / Manual 15	1	EN008IS
NITROGEN AMINO-ALPHA O-phthaldialdehyde UV	Automatic 150 / Manual 15	1	EN010IS
NITROGEN, AMINO-ALPHA STANDARD 250 mg/L 1x10 mL	/	1	EN010-STD1-FL
IONIC CALCIUM Arsenazo III	Automatic 150 / Manual 15	1	EN020IS
IONIC CALCIUM STANDARD 200 mg/L 1x10 mL	/	1	EN020-STD1-FL
CATECHINS	Automatic 150 / Manual 15	1	EN019IS
CATECHINS STANDARD 500 mg/L 1x10 mL	/	1	EN019-STD-FL
COLOUR 420 - 520 - 620	Automatic 170 / Manual 34	1	EN024IS
IONIC IRON Feren S	Automatic 150 / Manual 30	1	EN016IS
IONIC IRON STANDARD 20 mg/L 1x10 mL	/	1	EN016-STD-FL
GLYCERINE Enzymatic, OIV method	Automatic 150 / Manual 18	1	EN015UVIS
GLUCOSE-FRUCTOSE Enzymatic UV	Automatic 200 / Manual 32	1	EN014IS
GLUCOSE-FRUCTOSE STANDARD 20 g/L 1x10 mL	/	1	EN014-STD20-FL
ALCOHOLIC DEGREE 2x37 + 2x8.5 + 3x10 mL	Automatic 410 / Manual 41	1	EN132
GLUCOSE Enzymatic UV	Automatic 150 / Manual -	1	EN140IS
MAGNESIUM Xilidile blue	Automatic 150 / Manual 15	1	EN025IS
MAGNESIUM STANDARD 120 mg/L 1x10 mL	/	1	EN025-STD-FL
TOTAL POLYFENOLS, modified	Automatic 150 / Manual -	1	EN018MIS
TOTAL POLYFENOLS modified STANDARD 3 g/L 1x10 mL	/	1	EN018B-STD-FL
POTASSIUM, turbidimetric	Automatic 150 / Manual 17	1	EN026IS
POTASSIUM STANDARD 1500 mg/L 1x10 mL	/	1	EN026-STD-FL
pH	Automatic 150 / Manual 15	1	EN150IS
pH STANDARD, n. 3 standards 1x10 mL	/	1	EN150STD-FL
COPPER (standard included 2-1-0.1 mg/L)	Automatic 150 / Manual 34	1	EN013BIS
COPPER STANDARD 2-1-0.1 mg/L	/	1	EN013-STD
FREE SO ₂	Automatic 150 / Manual -	1	EN022OXIS
FREE SO ₂ STANDARD 60 mg/L 1x10 mL	/	1	EN022OXB-STD-FL
TOTAL SO ₂	Automatic 150 / Manual -	1	EN023IS
TOTAL SO ₂ STANDARD 120 mg/L 1x10 mL	/	1	EN023B-STD-FL
UREA Enzymatic UV	Automatic 150 / Manual 15	1	EN055IS
UREA STANDARD 500 mg/L 1x10 mL	/	1	EN055-STD-FL
TOTAL SUGARS 2x7 mL Standard included 10 g/L (saccharose) 1x10 mL	Automatic 200 / Manual 32	1	EN141

NOTE: to be used with GLU-FRU kit

Consumable and spares for Italo S

Description	PK	Cat. No.
Diluent 4x16 mL	1	ENDILMIS
Sample Cups 3 mL, also available in 250 pcs pack (art. P3140000001-250)	1000	P3140000001
Reading Cuvettes	50	P3140000136
Cylindrical test tubes PP, 12x75 mm	1000	110440-1000
Polystyrene cylindrical tubes, 3 mL 12x56 (100 pcs) + PE finned caps (100 pcs)	1	F11340
System solution 6x50 mL	1	P3140000087
Additive for system solution	1	E203M
Distilled Water, 20 litres	1	D002-20
Sampling needle	1	S3143000275
Peristaltic pump head, white	1	P3140000277
Peristaltic pump head, red	1	P3140000278
Spare Lamp	1	P3140000350

1 Enzyme kits for Gallardo and Manual

SLR (Stable Liquid Reagent)
For O.I.V. approved methods

Description	Tests n.	PK	Cat. No.
ACETIC ACID Enzymatic UV. Standard included 1 g/L	Gallardo 90 / Manual 45	1	EN001LB
CITRIC ACID Enzymatic UV. Standard included 1 g/L	Gallardo 80 / Manual 40	1	EN003
D-GLUCONIC ACID Enzymatic UV. Standard included 2 g/L	Gallardo 100 / Manual 50	1	EN004B
D-LACTIC ACID Enzymatic UV. Standard included 0.6 g/L	Gallardo 100 / Manual 50	1	EN006B
L-LACTIC ACID Enzymatic UV. Standard included 0.6 g/L	Gallardo 100 / Manual 50	1	EN005B
ASCORBIC ACID Enzymatic UV. Standard included 500 mg/L	Gallardo 80 / Manual 40	1	EN131B
L-MALIC ACID Enzymatic UV. Standard included 1 g/L	Gallardo 100 / Manual 50	1	EN007B
PYRUVIC ACID Enzymatic UV	Gallardo 30 / Manual 15	1	EN017IS
TARTARIC ACID Enzymatic UV. Standard included 5 g/L	Gallardo 160 / Manual 80	1	EN021A
TOTAL ACIDITY 6x33 mL	Gallardo 530 / Manual 100	1	EN134M15
TOTAL ACIDITY STANDARD 8,00 g/L 1x10 mL	/	1	EN134STD-FL
ACETIC ALDEIDE Reagent + Lyophilised 5x20 mL Standard included 100 mg/L	Gallardo 100 / Manual 50	1	EN009
CARBON DIOXIDE CO ₂ Enzymatic UV	Gallardo 33 / Manual 15	1	EN100IS
ANTHOCYANIS	Gallardo 80 / Manual 40	1	EN011IS
AMMONIA NITROGEN Enzymatic UV. Standard included 50 mg/L	Gallardo 100 / Manual 50	1	EN008B
AMINO-ALPHA NITROGEN O-phthaldialdehyde UV. Standard included 150 mg/L	Gallardo 100 / Manual 50	1	EN010B
CATECHINS. Standard included 500 mg/L	Gallardo 120 / Manual 60	1	EN019L
IONIC CALCIUM Arsenazo III. Standard included 100 mg/L	Gallardo 200 / Manual 100	1	EN020B
COLOUR 420-520-620	Gallardo 84 / Manual 54	1	EN024M15
GLYCERINE Enzymatic OIV method. Standard included 0.4 g/L	Gallardo 100 / Manual 50	1	EN015UV
IONIC IRON Ferene S. Standard included 20 mg/L	Gallardo 80 / Manual 40	1	EN016
GLUCOSE-FRUCTOSE Enzymatic UV. Standard included 1 g/L	Gallardo 100 / Manual 50	1	EN014
GLUCOSE Enzymatic UV. Standard included 1 g/L	Gallardo 100 / Manual 50	1	EN140
MAGNESIUM Xilidile blue	Gallardo 30 / Manual 15	1	EN025IS
TOTAL POLYPHENOLS Folin-Ciocalteus. Standard included 3 g/L gallic acid	Gallardo 200 / Manual 100	1	EN018
POTASSIUM turbidimetric. Standard included 1500 mg/L	Gallardo 100 / Manual 50	1	EN026
COPPER Standard included 2 - 1 - 0.1 mg/L	Gallardo - / Manual 50	1	EN013
FREE SO ₂ Standard included 80 mg/L	Gallardo 100 / Manual 50	1	EN0220XB
TOTAL SO ₂ Standard included 120 mg/L	Gallardo 100 / Manual 50	1	EN023B
UREA Enzymatic UV	Gallardo 30 / Manual 15	1	EN055IS
TOTAL SUGARS 2x7 mL Standard included 10 g/L (saccharose) 1x10 mL	Gallardo 100 / Manual 50	1	EN141

NOTE: to be used with GLU-FRU kit



2 Fluorimeter for Riboflavin detection

Portable fluorimeter, user-friendly, with touch-screen interface.

The fluorimeter relies on a fluoroimmunoassay to detect the light intensity of the fluorescent reagent in an immune test.

Fluoride immunoassay technology has the advantage of high specificity, sensitivity and utility.

Under low-concentration conditions, the sample concentration is linear to the intensity of the fluorescences, so the test sample can be examined in both qualitative and quantitative analysis.

Description	PK	Cat. No.
Fluorimeter FLUO-100	1	BF500
Kit for 10 tests	1	EN500BE10
Kit for 50 tests	1	EN500BE50

