Analytical Balances 0.1mg/1mg IBA-4100(110V)



Iris Analytical Balances are designed for routine weighing applications in your workplace, offering accuracy and repeatability during essential weighing applications in education, laboratory and, industrial sector. Iris analytical balances deliver competitive performance at an economical price, featuring RS232 connectivity for easy communication, and a backlit display and a simple interface for uncomplicated operation, these balances are perfectly designed for your workplace.

Standard features include Basic functionality for routine weighing applications. Iris analytical balances are equipped with three essential weighing modes, RS232 connectivity for data transfer and storage and internal calibration (in selected models) making them ideal for routine weighing applications.

Designed for uncomplicated operation with easy-to-use display and interface Equipped with an easy-to-read, bright backlit display and a simple user interface, they are incredibly easy to operate, with almost no training required.

Smart design and durable construction Iris analytical balances have a small footprint which saves on benchtop space while providing a large weighing surface. They are durably constructed, and feature a stainless-steel pan to withstand day-to-day use in the workplace.

Technical Specification:

Model	IBA-4100-110V
Capacity	120 g
Repeatability	±0.0002 g
Resolution	0.0001 g
Display	LCD display with backlight
Pan Dimensions	90 mm
Construction Material	Cast aluminum, static resistant ABS, static-resistant doors, stainless steel pan
Linearity	±0.0002 g
Calibration	Calibration with External Weight
Measuring Parameters	g, lb, oz, ct, ozt, N, dwt, GN (grain), Tlt
Working Temperature	20±2.5℃
Interface	Configurable RS 232
Stabilization Time	≤ 3 sec
Dimensions	325x205x310 mm
Electrical Requirements	AC110V
Catalogue No.	680350501

Technical Data:

Model	IBA-4100		IBA-4200		IBA-4300	
Capacity	120 g		220 g		310 g	
Repeatability	±0.0002 g				±0.0003 g	
Display	LCD display with backlight					
Resolution	0.0001 g					
Pan Dimension	90 mm					
Material	Cast aluminum, static resistant ABS, static-resistant doors, stainless steel pan					
Linearity Error	±0.0002 g				±0.0003 g	
Calibration	Calibration with External Weight					
Measuring Parameters	g, lb, oz, ct, ozt, N, dwt, GN (grain), Tlt					
Working Temperature	20±2.5?					
Interface	Configurable RS 232					
Stabilization Time	? 3 sec					
Dimension	325x205x310 mm					
Weight						
Electrical Requirement	110V	240V	110V	240V	110V	240V
Catalogue No.	680350501	680350502	680351001	680351002	680351501	680351502



Iris Analytical Ltd.

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