Oxford

Lab Expert

Routine Laboratory Weighing Tasks

This family of balances are designed for your daily lab routines. Increase your efficiency with integrated application programs and obtain high accuracy with the built-in adjustment function.

www.OxfordBalances.co.uk

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Lab Expert Range

AIMA Technology

PEACE OF MIND - AIMA

Lab Expert is equipped with AIMA technology (Automatic Internal Mass Adjustment). All balances are susceptible to changing conditions in the local weighing environment eg changes in temperature, which can lead to weighing inaccuracies. AIMA detects changes in temperature and automatically makes the required correction to achieve accurate weighing results. This feature can also be manually instigated by the operator before a series of weighings to ensure accurate results.
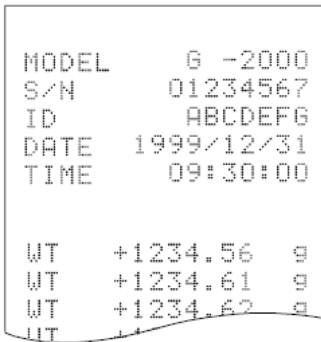
GLP print out

REGULATED WEIGHING

When connected to a compatible printer this range produces hard copy records in GLP (Good Laboratory Practice) compliant format.
In addition all models in the Lab Expert range can be provided with IQ / OQ validation and a USP41 test report demonstrating compliance with the chapter.

ID REFERENCE

The ID reference number function can be used to provide an extra layer of traceability for recording your results.
Input: Alphanumeric reference ID
The ID number is maintained in non-volatile memory even if the AC adapter is removed.

Sealed keypad gives IP-54 protection level

DATA MEMORY

Records critical weighing data sets for easy recall and reference.
200 data sets: Weighing data without date and time, or
100 data sets: Weighing with date and time, or
50 data sets: Calibration history data

3 YEAR WARRANTY

Industry leading warranty and support package

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Specification

Model	Capacity (g)	Readability (mg)	Pan Size (mm)	Repeatability ± (mg)	Linearity ± (mg)
LE2505D	220 / 51	0.1 / 0.01	90 Ø	0.1 / 0.02	0.2 / 0.03
LE2204	220	0.1	90 Ø	0.1	0.2
LE1204	120	0.1	90 Ø	0.1	0.2

Model	Capacity (g)	Readability (g)	Pan Size (mm)	Repeatability ± (g)	Linearity ± (g)
LE4103	410	0.001	128 x 128	0.001	0.002
LE6103	610	0.001	128 x 128	0.001	0.003
LE11003	1100	0.001	128 x 128	0.001	0.003

Model	Capacity (g)	Readability (g)	Pan Size (mm)	Repeatability ± (g)	Linearity ± (g)
LE21002	2100	0.01	165 x 165	0.01	0.02
LE41002	4100	0.01	165 x 165	0.01	0.02
LE61002	6100	0.01	165 x 165	0.01	0.03
LE81001	8100	0.1	165 x 165	0.1	0.1

Features and Applications

Internal Calibration LCD Backlight RS-232C Interface GLP Compliant

Counting Function Percentage Function Underhook Software
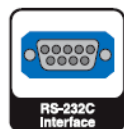
Accessories

Part Number	Description
DP1014	Dot Matrix Printer

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