



Analytical Balance LD-LINB-A40

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Overview

Analytical Balance LD-LINB-A40 is designed to deliver high accuracy, efficiency, and user-friendly operation for laboratory and industrial applications. Featuring fully automatic calibration, it ensures precise and reliable measurements without manual adjustments. The 5-inch colour touch screen provides an intuitive interface for seamless operation, while its multi-function capabilities and supercell sensor technology that ensures fast, stable, and ultra-precise results.

Features:

- Contains (IsoCAL) Fully Automatic Internal Calibration ensures precise results with temperature and time-controlled adjustments
- Ultra-Sensitive Weighing with a maximum sensitivity of 0.001 mg for highly accurate measurements
- User Access Control with multi-level authentication for enhanced security
- Versatile Weighing Functions include standard weighing, filling, counting, mixed/net weight, weight percentage, and density measurement
- Secure Data Management with audit trails, electronic signatures, and GLP/GMP-compliant print & data output
- Seamless Connectivity with RS232, USB, and printer support for easy data transfer
- Multi-Language Support for enhanced user convenience across global applications
- Compact and Durable Design with a high-strength structure for long-term reliability

Applications:

Analytical Balance is used for sample/standard preparation, formulation, differential weighing, density determination, interval weighing and pipette routine testing.

Specifications:

Dimension	90 × 295 × 150 mm
Net weight	4.7 kg
Test weights	20 g
Typical error	5 ?g
Capacity [Max]	31 g
Readability [d]	1 ?g
Relative humidity	50 ~ 75% RH
Sensitivity drift	(+10 ~ +30 ?)
Standard deviation	2 ?g
Min. optimal weighing	0.82 mg

Min. typical weighing	1.3 mg
Operating temperature	18 ~ 23 °C
Typical stability time	8s
Weighing Pan Dimensions	φ30 mm
High of weighing chamber	80 mm
Typical measurement time	12s
(According to OIML R111-1)	E1
External calibration weights	20 g
Temperature compensation fluctuation	±1 °C/h
Minimum weighing value (According to the 2014/31/EU standard)	1 mg
Calibration division value (e) (According to the 2014/31/EU standard)	10 µg