Electronic Analytical Balances

LT-G4015 - LT-G4017 | Three analytical weighing models

Internal calibration • Backlit LCD • USB data transfer



220 / 310 g

MAXIMUM CAPACITY BY MODEL

0.01 / 0.1 mg

READABILITY BY MODEL AND RANGE

Cement components • Fine powders • Chemicals • Laboratory specimens

Photograph and Analytical Components

Glass weighing chamber, stainless steel pan and control panel

Three models support analytical weighing of low-mass specimens. LT-G4015 offers dual weighing ranges. Automatic internal calibration, data storage and USB interfaces support the weighing and recording workflow.

STAINLESS STEEL PAN

Position the specimen or weighing vessel centrally on the pan.

GLASS WEIGHING CHAMBER

Close the doors during reading to reduce the effects of air currents.



LCD DISPLAY

Monitor mass, tare and operating information on the backlit display.

FRONT CONTROL PANEL

Operate zero, tare and menu functions using the front keys.



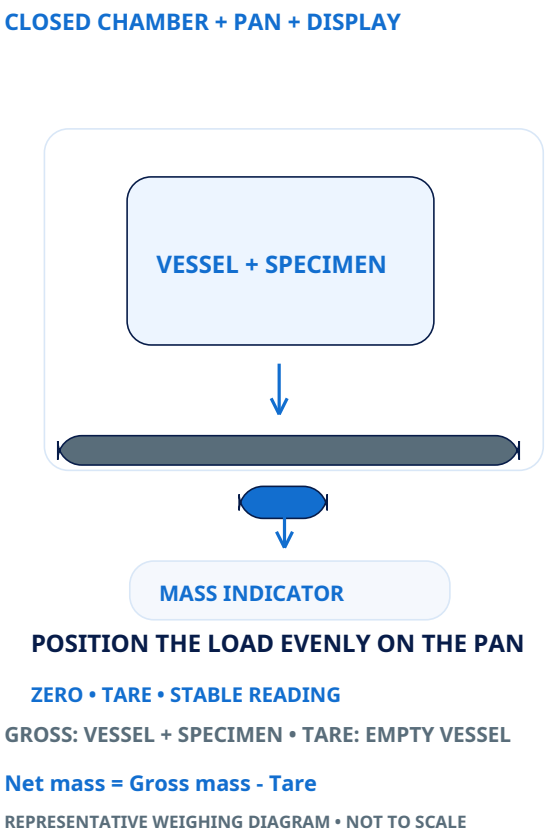
Stainless steel weighing pan and glass chamber



LCD display and analytical weighing controls

Analytical Weighing and Stable Reading

Select range • Check calibration • Tare • Record stable mass



Prepare and Check

Place the balance on a stable surface. Check that internal calibration has completed.

Tare and Load

Tare the empty weighing vessel. Position the specimen centrally on the pan.

Close and Read

Close the doors. Record specimen mass and ID once the reading stabilises.

The glass chamber helps reduce the effects of air currents during weighing. Automatic internal calibration monitors temperature and time changes. Readability describes the displayed increment; it does not independently define measurement accuracy.

LT-G4015 Dual Weighing Range

LT-G4015 provides 0.01 mg readability up to 60 g. At higher loads, it provides 0.1 mg readability up to 220 g. Minimum load is 1 mg; stabilisation time is 6 / 3.5 seconds by range.

LT-G4016 and LT-G4017 provide 220 and 310 g capacity respectively, with 0.1 mg readability and 3.5-second stabilisation.

Data Storage and Interfaces

Storage supports 10 users, 1000 products, 5000 weighing results and 100 tare values. ALIBI memory holds up to 100,000 weighing records.

Interfaces include two RS232 ports, USB-A and USB-B. A USB drive supports data import and export. Wi-Fi is optional depending on configuration.

Model Comparison and Data Management

Capacity, minimum load, readability, pan and stabilisation time

Product Code	Capacity (g)	Min. (mg)	Read. (mg)	Pan (mm)	Time (s)
LT-G4015	60 / 220	1	0.01 / 0.1	Ø90; Ø85 opt.	6 / 3.5
LT-G4016	220	10	0.1	Ø100	3.5
LT-G4017	310	10	0.1	Ø100	3.5

Common Specification	Value / Description
Calibration	Automatic internal • Temperature and time
Display	Backlit LCD • Information line
User / Product Storage	10 users / 1000 products
Weighing / Tare Storage	5000 weighing results / 100 tare values
ALIBI Memory	100,000 weighing records
Interfaces	2 × RS232 • USB-A • USB-B
Wireless Connection	Wi-Fi (optional)

Match LT-G4015 Readability to the Weighing Range

0.01 mg readability applies only up to 60 g; the 220 g range provides 0.1 mg. Evaluate total vessel and specimen load against the selected range.

From Preparation to Recorded Analytical Mass

01
Check
Check balance stability and internal calibration.

02
Tare
Place the empty vessel on the pan and tare.

03
Close
Load the specimen and close chamber doors.

04
Record
Record stable mass with the specimen ID.

Product Page | liyatest.com.tr/en/urun/electronic-analytical-balances/