INNOTECH®

INNOTECH ENGINEERING DEVICES PRIVATE LIMITED

OEM Manufacturer of Testing Machines & Laboratory Equipment

ANALYTICAL BALANCE

High-Precision Weighing Solution for Laboratory Applications

220 g Capacity | 0.1 mg Readability



KEY FEATURES

- **High-Resolution Digital Weighing**
- **Auto Calibration**
- **LCD Display**
- **RS232 Data Connectivity**
- **Overload Protection**
- **Laboratory Precision Weighing**

WORKING PRINCIPLE

STEP 1 — Sample Placement
Place the sample on the weighing pan.

STEP 2 — Electronic Measurement
The precision weighing mechanism detects the applied mass.

STEP 3 — Digital Result
The measured mass appears on the LCD display.

INDUSTRIAL APPLICATIONS

- Pharmaceutical Laboratories
- Chemical Testing Laboratories
- Research and Development
- Food Testing Laboratories
- Biotechnology Laboratories
- Educational Institutions
- Quality Control Departments
- Industrial Material Testing

TECHNICAL SPECIFICATIONS

Parameter	Specification
Instrument	Analytical Balance
Weighing Capacity	220 g
Readability	0.1 mg
Linearity	0.2 mg
Stabilization Time	Less than 1.5 seconds
Display	LCD
Interface	RS232
Calibration	Auto Calibration
Protection	Overload Protection
Pan Material	Stainless Steel, as confirmed

INDUSTRY STANDARDS

- **USP** General Chapter 41 – Balances
- **USP** General Chapter 1251 – Weighing on an Analytical Balance
- **OIML R 76** – Non-Automatic Weighing Instruments
- **EURAMET cg-18** – Calibration of Weighing Instruments
- **ISO/IEC 17025** – Testing and Calibration Laboratory Competence

Applicable standards and calibration requirements depend on the intended weighing application.

CUSTOMIZED LABORATORY WEIGHING SOLUTIONS

Machine configuration and available features can be discussed according to customer requirements, intended applications and laboratory weighing needs.

INNOTECH ENGINEERING DEVICES PRIVATE LIMITED
OEM Manufacturer of Testing Machines & Laboratory Equipment
Bhiwadi, Rajasthan, India
www.innotechgroup.net
info@innotechgroup.net
+91 9810431604