

## ➤ EMFC BASED ANALYTICAL LABORATORY BALANCE



### ➤ STANDARD FEATURES

- Fully Auto Internal Calibration Time & Temperature controlled
- High Contrast Enlarged Advanced Eye Protected Backlight LCD Display
- High grade Chemicals resistance Metallic Body
- High Stability, Excellent Repeatability & Unfailing Reliability
- Auto Self checking function, anti vibration Feature and auto filtration for matching Environment conditions
- Multi Unit & RS232 Interface

### ➤ TECHNOLOGY

- **Based on - Cutting edge, Brilliant Electro Magnetic Force Compensation Technology**  
The whole mechanical construction has been made by high class Advanced CNC robot. By this act all possible miners err has been removed. This unique system offers unbeatable advantages for daily use like incredibly fast response, more sensible accuracy, high stability and Unfailing reliability.



## ➤ TECHNICAL SPECIFICATION

| Model                                  | SES 224   | SES 324    | SES 620C  | SES 1020C |
|--|---|------------|-----------|-----------|
| Capacity (g)                           | 220   | 320        | 620       | 1020      |
| Readability (g)                        | 0.0001  | 0.0001     | 0.001     | 0.001     |
| Repeatability (g)                      | +/- 0.0002  | +/- 0.0002 | +/- 0.002 | +/- 0.002 |
| Linearity (g)                          | +/- 0.0003  | +/- 0.0003 | +/- 0.002 | +/- 0.002 |
| Pan Size                               | 90mmØ   |            | 120mmØ    |           |
| Calibration                            | Fully Auto Temperature Control Motorized Internal adjustment  |            |           |           |
| Display                                | High Contrast Enlarged Advanced Eye Protected Backlight LCD Display   |            |           |           |
| Key Feature                            | Auto Self checking function, anti vibration feature and auto filtration for matching environment conditions   |            |           |           |
| Technology                             | EMFC (Electro Magnetic Force Compensation) Weighing Cell and advanced Microcontroller base, unique excellent Software with updated feature                            |            |           |           |
| Overload Protection                    | Yes ,150% of full scale (up to 350g)  |            |           |           |
| Interface                              | Inbuilt RS232 interface (External USB port optional)  |            |           |           |
| Extra chemicals, dust protected design | Weighing pan surrounding protected by SS ring cover which not allow to go inside extra chemicals and dust, as result weighing cell not effected by chemicals and dust |            |           |           |
| Extra Protection                       | Protection of Main Balance Configuration, Airtight Rust & Dust proof weighing chamber (IP54)  |            |           |           |
| Tare range                             | 100% Full   |            |           |           |
| Response time                          | 3 sec.  |            |           |           |
| Guaranteed Consistency and Reliability | Unfalling Reliability Guaranteed Consistency and Precision Year after Year even with intensive use- with high stability and excellent repeatability                   |            |           |           |
| Draft shield                           | Yes, with 3 opening door – left, right and top smooth glass slider  |            |           |           |
| Operating temp.                        | + 5°C to + 35°C   |            |           |           |
| Weighing Units                         | Gm , mg ,ct and Multi Units   |            |           |           |
| Power Requirement                      | Input- AC110~220V, 50/60 Hz, (+/- 10%)  |            |           |           |
| Sensitivity drift                      | +/- 2ppm/°C   |            |           |           |
| Housing                                | High grade chemical resistant metal   |            |           |           |
| Approx weight                          | 5 kg  |            |           |           |
| Dimension                              | (L x W x H)   |            |           |           |
| Other Application                      | Piece counting, Manual Density result, below weighing, Statistics/GLP-GMP data by saffron STP01 Printer   |            |           |           |
| Approved                               | ISO, CE, NABL, Legal Metrology (Gov. of India)  |            |           |           |
| Standard Accessories                   | AC-DC Adapter, SS pan, SS dust cover ring, Operating Manual, Draft shield   |            |           |           |
| Optional                               | Data printer, Density kit   |            |           |           |