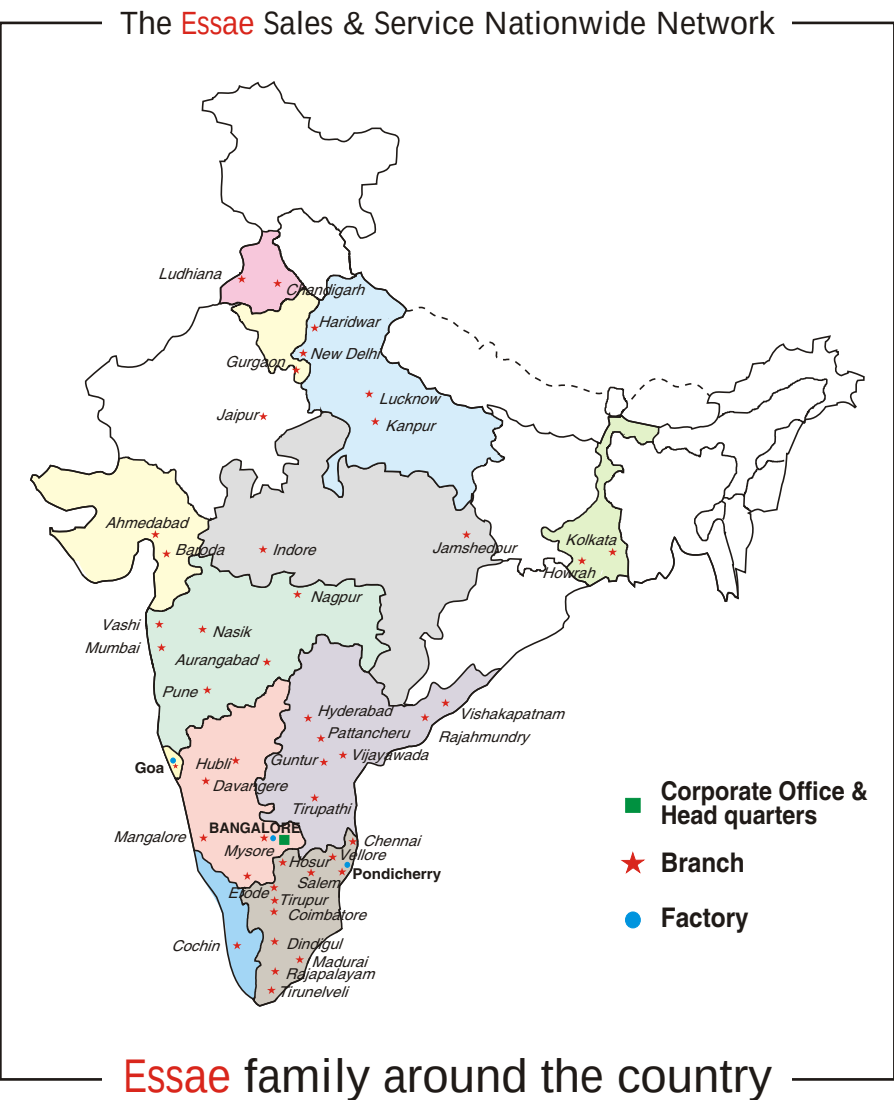


Since our inception in 1965, the Essae Group of Companies has been proving excellence in every business area that it operates in.

Over the years, we have had the pleasure of serving over 1,00,000 customers. To help make their relationship with us more interactive, we have an India wide network of 47 branches and 200 resellers for efficient sales and service support.

Our Research and Development center in Bangalore has been set up with state of the art equipment that ensures the highest quality of all our products. All our products undergo stringent quality checks right from beginning to end by our highly trained staff. TQM tools are used to ensure the finest/supreme quality of all our work and products.

Our symbiotic collaboration with Teraoka Seiko of Japan has led to increased quality of our products as well as a large customer base. Further more, our technical and financial collaboration with Teraoka Seiko of Japan has also helped us export our products to Japan, United States, Europe and Asia Pacific countries.



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47 Branches
Factories in Bengaluru & Goa
300+ Resellers

Note: The above model meets the statutory & regulatory requirements as per the provision of legal metrology Act, 2009 & legal metrology (General) Rule, 2011. Specifications are subject to change without notice. Other names & logos used are property of respective brands.

Form no. CAT - PG/FB-007 R05

PG / FB Series
Precision weighing balance

Essae
...for Excellence



Precision weighing solutions for Laboratory , Industry and Jewellery



The need of accuracy and precision is most crucial for Research, Lab, Jewellery & Industries. Any organisation developing products for such an industry should provide more emphasis on precise weighing. We understand that from the smallest diamonds to the most precious gold jewellery, every milligram counts & every milligram of material used during research could drastically change the outcome.

Understanding the importance of these aspects, Essae has introduced Weighing balance for the Jewellery, Laboratory & Research industry. And hence, we understand your need for highly precise and extremely accurate readings during weighing.

The PG/FB series has been carefully designed to provide for all your jewellery, lab & research weighing requirements. Its MFRT/EMFC sensor ensures accuracy in readings and gives you extremely quick responses. The sleek housing and compact cabinet design makes it light in weight and easy to fit in any space. Its unique VFD Display further ensures easy readability while noting weights.

Every electronic balance comes with a standard RS-232C interface, which allows for easy connectivity to your computer Interface.

In everyway, the PG/FB series gives weight to all your considerations to provide the perfect solution for your weighing needs.



Customer Display



RS-232 interface for easy computer connectivity

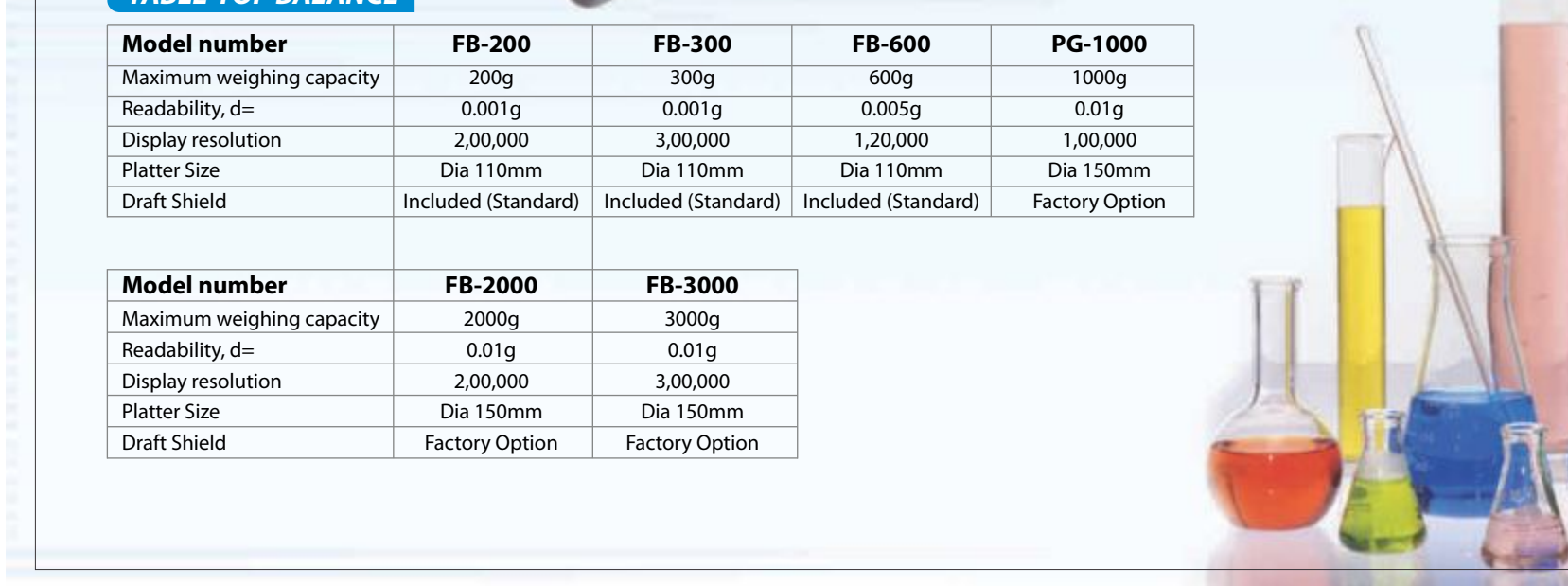


AC/DC Adaptor

TABLE-TOP BALANCE

Model number	FB-200	FB-300	FB-600	PG-1000
Maximum weighing capacity	200g	300g	600g	1000g
Readability, d=	0.001g	0.001g	0.005g	0.01g
Display resolution	2,00,000	3,00,000	1,20,000	1,00,000
Platter Size	Dia 110mm	Dia 110mm	Dia 110mm	Dia 150mm
Draft Shield	Included (Standard)	Included (Standard)	Included (Standard)	Factory Option

Model number	FB-2000	FB-3000
Maximum weighing capacity	2000g	3000g
Readability, d=	0.01g	0.01g
Display resolution	2,00,000	3,00,000
Platter Size	Dia 150mm	Dia 150mm
Draft Shield	Factory Option	Factory Option



Guaranteed solutions for all your weighing requirements

TECHNICAL SPECIFICATIONS*

Model	PG/FB Series Electronic weighing balance	RS-232C Interface	Included (standard)
Technology	Magnetic Force Restoration Technology (MFRT)	Processor	Digital 8 bit micro- computer
Operating temperature	+10°C to +40°C	Calibration method	Automatic Software calibration (External weight)
Sensitivity drift (20°C to 40°C)	+/- 5ppm/°C	Tare range	Full capacity
Display type	Green Vacuum fluorescent display(VFD)	Repeatability/Verification interval Linearity	+/- 1d +/- 2d
Display digits / Size	7 Digits / 13 mm	Dimensions without draft shield (Width x Depth X Height)	190mm x 275mm x 85mm (table-top) 257mm x 350mm x 97mm (PG 10000 & PG 34000)
Power supply-Balance	6 – 7.5V DC, Max – 1A	Approx. gross weight (balance only)	2 to 2.3kg (table-top) 6.4kg (PG-10000 & PG-34000)
Power supply -AC/DC adaptor	Input – 230V AC, 50Hz Output – 6.9V DC @ 1.5A, Max Watt – 13W	W&M classification Default weighing units	Class II (PG Series) Class I (FB Series) Grams

* Specifications subject to change without notice

TABLE - TOP BALANCE

Model number	PG-10000	PG-34000
Maximum weighing capacity	10000g	34000g
Readability, d=	0.1g	0.5g
Display resolution	1,00,000	68,000
Platter Size	205 x 250mm	205 x 250mm

