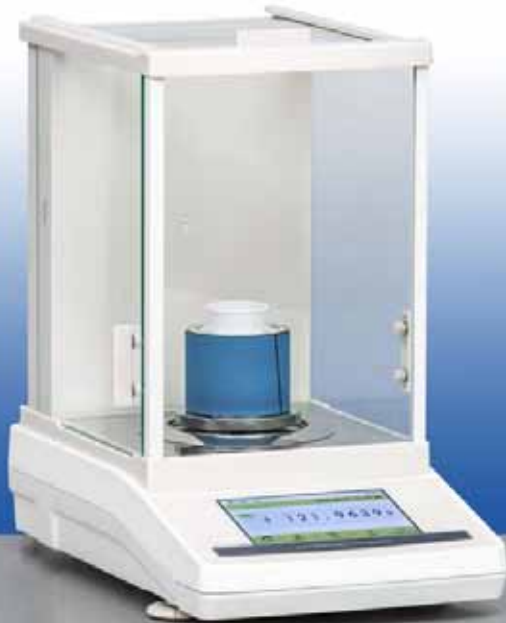


IGT Digital Analytical Balance



The IGT Analytical Balance is a reliable, high precision balance, ideally for laboratory and general analytical weighing with 0,0001 g resolution. To be able to measure for example ink transfer IGT has lightweight discs in the program. In combination with this analytical balance the user can measure the amount of ink on a printing disc before and after making the print. The difference is the amount of ink transferred to the substrate. The resolution of 0,1 mg is necessary to get an accuracy of 0,1 g/m² ink transfer. With weight and the printed surface it is easy to calculate the ink transfer. The serial interface allows for automated calculating of the ink transfer.

For ink mixing, the IGT Analytical Balance can be used to measure all basic components of the ink to mix. Together with the IGT Simply Mix Mixer and the standard cups for it, the weight and mixing is easy and repeatable.

The IGT Analytical Balance has openings on both sides of the balance and on top, giving each operator the optimum accessibility.

The balance has an internal automatic calibration function or manual, 1- or 2-point, calibration. The balance has also selectable measuring units.

IGT TESTING SYSTEMS

IGT Testing Systems develops and manufactures the well-known IGT Printability testers. These printability testers are internationally recognised in paper, packaging, printing, and ink industries. Additionally the testers can also be of use in the graphical arts, plastic and coating industry. The equipment enables printing of test strips in offset, flexo and rotogravure.

With the IGT printability testers paper and/or ink can be tested under circumstances that approximate those in printing practice. Printing speed, printing force and inking can be set with the near precision and varied independently from one another. With the IGT Printability testers, printing materials can be checked quickly and efficiently. With these devices it is possible to perform many measurements, due to the large number of available accessories.



IGT Digital Analytical Balance

TECHNICAL DATA

Features

- Stainless Steel Pan
- 5 inch Touch Panel Display
- RS232 Interface, can be connected directly to computer or printer
- Windshield
- Height adjustable feet, Spirit Level
- Internal Auto Calibration
- Measurement units: g, mg, oz, ct
- Adjustable sensitivity and speed settings
- Multiple calibration choices: one-point, multi-point and internal calibration

Specifications

- Capacity : 220 g
- Resolution : 0.0001 g
- Minimum weighing : 0.0004 g
- Stabilisation time : ≤ 3 s
- Pan size : Ø 80 mm
- Repeatability : ±0.0002 g
- Linearity : ±0.0003 g
- Calibration weight : 100 g, 200 g
- Interface : RS232C
- Weight : 10 kg
- Dimensions (HxWxD) : 340 x 215 x 350 mm
- Power : 220V - 50Hz



Agent

IGT Testing Systems

Research, development and production of testing equipment for the printing and allied industries

IGT Testing Systems
P.O. Box 22022
1302 CA Almere
The Netherlands
Phone : +31 20 409 9300
Fax : +31 20 409 9339
E-mail : info@igt.nl
Internet : www.igt.nl

IGT Testing Systems, Inc.
Arlington Center
543 West Golf Road
Arlington Heights IL 60005
USA
Phone : +1 847 952 2448
Fax : +1 847 952 2449
E-mail : sales-us@igt.nl

IGT Testing Systems Pte. Ltd.
627A Aljunied Road
#08-05
Singapore 389842
Phone : +65 6742 8993
Fax : +65 6742 8986
E-mail : singapore@igt.nl
Internet : www.igt.com.sg

IGT Testing Systems KK
1229-1, Mawatashi, Sakura-shi
Chiba-ken 285-0804
Japan
Phone : +81 (0)43 308 7302
Fax : +81 (0)43 308 7304
E-mail : japan@igt.nl
Internet : www.igt.jp