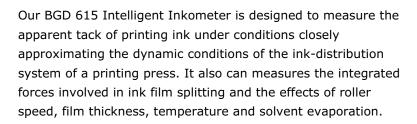


### **Special Instruments for Inks**

## Intelligent Inkometer BGD 615

### **Product Description**

Each type of ink has a different tack (viscosity) and this is why it is important to measure the tack of the ink. After all, this determines how an ink behaves on the press. How much force is required to distribute the ink over the roller evenly and is the ink suitable for specific types of paper? Too much tack could loosen fibers on the surface of the paper. It is also important for the correct color sequence on the printing press. With a four color press the tack value of the inks on consecutive towers of the press will have to be slightly less in order to prevent the last ink layer from pulling the previous ink layer from the paper.



This Inkometer consists of three rollers: The center roller is a temperature controlled brass roller The bottom roller is an oscillating rubber composition distribution roller; The top roller is a rubber composition roller attached to the measuring system which measures tack. And all rollers are available for testing standard and UV inks. The brass roller temperature is controlled by circulating a coolant mixture provided by a thermostatic bath.



## **Technical Specification**

- The tack is reported in 0.1 gram-meters and represents the torque required to "work" the ink film at a known rate with predetermined film thickness and temperature.
- With big digital display shows the temperature, tack, roller speed and test time. Statistical reports can be viewed directly from the display.
- Highest accuracy and efficiency



#### **Special Instruments for Inks**

# Intelligent Inkometer BGD 615

#### **Main Technical Parameters**

Brass roller speed range: 400 RPM 800 RPM 1200 RPM 1600 RPM 2000 RPM;.

 $^{\circ}$  Additional: Roller Testing Speeds - Programmable 100 to 2000 RPM 3000 RPM Optional customized

• Brass Roller Lateral Error: ±0.03mm after leveling on workbench

Thermostatic Bath Pump Flow: 10L/minute Bath capacity 8L

• Temperature Error: ±0.1°C

• Display Resolution: 0.1 unit of ink viscosity

Testing Accuracy: ±0.3 unit of ink viscosity same testing condition
 Printing: Testing time, number, temperature, speed, viscosity values

Accessory: With a piece of ink injector which is very easy to dismantle and install.

Power Supply: 220 V, 50/60 Hz

Total Power: 1600W (motor 800W, water tank 800W)

• Noise: ≤50 db

Dimensions: 750 x300x480mm

Net weight: 130 KG

• Ordering Information: BGD 615 - Intelligent Inkometer

#### **Disclaimer**

The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Whilst we endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the product or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development