



## **KLABS Bursting Strength Tester**



### **Product Description**

KLABS KBST-A35 Bursting Strength Tester is designed to determine the bursting strength of paper and paperboard materials. The test specimen is clamped securely between the test heads and hydraulic pressure is applied until rupture occurs. The instrument is manufactured using high-quality materials and calibrated pressure gauges to provide reliable and accurate results for quality control and testing laboratories.

### **Features**

- Suitable for Paper and Board Bursting Strength Testing
- Heavy Duty Construction
- High Quality Pressure Gauge System
- Statistically Calibrated Pressure Gauges
- Dynamically Calibrated Pressure Gauges
- Precision Hydraulic Testing Mechanism
- Easy Sample Clamping Arrangement
- Reliable and Repeatable Results
- User-Friendly Operation
- Suitable for Quality Control Applications

### **Application/Uses**

- Paper Industry
- Paper Board Industry
- Packaging Industry
- Corrugated Box Testing Laboratories
- Quality Control Laboratories
- Research & Development Laboratories
- Educational Institutions

## Technical Specifications

| Parameter                          | Details                                                                       |
|------------------------------------|-------------------------------------------------------------------------------|
| Product Name                       | Bursting Strength Tester                                                      |
| Model Number                       | KBST-A35                                                                      |
| Capacity for Paper                 | 0–7 kg/cm <sup>2</sup>                                                        |
| Capacity for Board                 | 0–35 kg/cm <sup>2</sup>                                                       |
| Pressure Increasing Speed          | 170 ml/min ±15 ml/min                                                         |
| Standard Rubber Diaphragm Diameter | 50 mm <sup>2</sup>                                                            |
| Rubber Diaphragm Thickness         | 0.8 mm ±0.2 mm                                                                |
| Pressure Gauge Range               | 0–4, 0–7, 0–10 & 0–35 kg/cm <sup>2</sup>                                      |
| Construction                       | Manufactured with high quality materials                                      |
| Test Principle                     | Bursting strength determination of paper & board by hydraulic pressure method |

## Standard Accessories

- As supplied with the instrument



***KBST-A35***