

# Octagon Solutions



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## Digital Bursting Strength Tester (Double Head)

The Digital Bursting Strength Tester is a state-of-the-art instrument designed to measure the bursting strength of various materials such as paper, textiles, and packaging materials. This highly precise tool ensures accurate and reliable results, making it essential for quality control in manufacturing and research environments.



### Key Features:

- **High Accuracy:** Provides precise measurements with digital readouts for easy interpretation.
- **Durable Construction:** Built with robust materials to withstand rigorous use in industrial settings.
- **User-Friendly Interface:** Intuitive controls and clear digital display for effortless operation.
- **Versatile Applications:** Suitable for a wide range of materials, including paper, textiles, and packaging.

- **Consistent Performance:** Ensures reliable and repeatable results for quality assurance.

### Technical specification:

- **Bursting Capacity** - 50 Kg/cm<sup>2</sup>
- **Test Range** - 40 Kg/cm<sup>2</sup>
- **Opening of upper clamp** - 31.5 mm diameter
- **Opening of lower clamp** - 30.5 mm diameter
- **Test Fluid** - Glycerin (lab grade)
- **Capacity of Test Fluid tank** - 160 ml
- **Power** - 220v Single Phase 50Hz

### Applications:

- **Paper Industry:** Ideal for testing the strength of paper and paperboard.
- **Textile Industry:** Measures the bursting strength of fabrics and other textile materials.
- **Packaging Industry:** Assesses the durability and quality of packaging materials.
- **Research and Development:** Used in laboratories for material testing and quality control.

### How to Use:

1. Place the sample material in the testing area.
2. Adjust the settings according to the material type.
3. Start the test and monitor the digital readout for results.
4. Record the bursting strength value displayed on the screen.

### Maintenance Tips:

- Regularly clean the testing area and digital display.
- Calibrate the device periodically to maintain accuracy.

- Store in a dry and clean environment to prevent damage.

## Why Choose Us?

- **Expertise:** Over 25 years of experience in the printing industry.
- **Innovation:** Commitment to modern technology and continuous improvement.
- **Quality Assurance:** Rigorous quality control processes to ensure product reliability.
- **Global Presence:** Serving clients worldwide with 24/7 customer support.

### Opacity Tester



**For more information or to place an order, contact us at:**

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**Feel free to adjust the specifications and features according to the actual product details provided by your manufacturing team.**