

# Beating and Freeness



*Determine the work done on fiber during beating as measured by the Schopper-Riegler (SR) number.*

## INTRODUCTION

The "Schopper Riegler" Beating and Freeness Tester is designed to determine the rate of drainage of a dilute pulp suspension and express it in terms of the Schopper-Riegler (SR) value. The SR value is the inverse of the volume of water collected divided by 10. The rate of drainage is related to the work done on the fibre during beating and refining.

## APPLICATIONS

Pulp

## SPECIFICATIONS

- Meets ISO 5267/1, BS 6035/1 and SCAN C19

## INCLUDED ACCESSORIES

Measuring cylinder

Wire removal tool

Consistency cups 5—6—7%

## FEATURES

- **The semi-automatic valve lifting and agitation of pulp ensures the instrument is easy to use**
- **The phosphor bronze wire is non-corrosive for low maintenance**
- **Calibrated nozzle**
- **Bench mounted**

## INSTRUMENT SIZE

Depth: 248 mm (10 in.)

Height: 1170 mm (46 in.)

Width: 454 mm (18 in.)

## WEIGHT

37 kg (81.5 lb)

## CONNECTIONS

Electrical: none required

## ORDERING INFORMATION

Catalog number 33-29-00

## The TMI Group of Companies



[www.testingmachines.com](http://www.testingmachines.com)

**Testing Machines Inc.** 2 Fleetwood Court, Ronkonkoma, NY 11779 USA

Tel: 800-678-3221 (USA) or (631) 439-5400, Fax: (631) 439-5420, e-mail: [info@testingmachines.com](mailto:info@testingmachines.com)

**Messmer Instruments Ltd.** Unit F1 Imperial Business Estate, West Mill, Gravesend, Kent DA11 0DL UK

Tel: +44 (0)1474 566488, Fax: +44 (0)1474 560310, e-mail: [messmer@testingmachines.com](mailto:messmer@testingmachines.com)

**Büchel BV** Fokkerstraat 24, 3905 KV Veenendaal, Netherlands

Tel: +31 (0)318 521500, Fax: +31 (0)318 540358, e-mail: [buchel@testingmachines.com](mailto:buchel@testingmachines.com)

**Adamel Lhomargy SAS** Z.A. de l'Habitat, Batiment 6, Route d'Ozoir, 77680, Roissy en Brie, France

Tel: +33 (0)1 64409210, Fax: +33 (0)1 64409211, e-mail: [adamellhomargy@testingmachines.com](mailto:adamellhomargy@testingmachines.com)

**TMI Canada** 6 Ronald Drive, Montreal West, Quebec H4X 1M8

Tel: (514) 489-8491, Fax (514) 489-6044, e-mail: [canada@testingmachines.com](mailto:canada@testingmachines.com)