

Hot Disintegrator (Latency Refiner)



*Reduce disintegration time from
15 minutes to 2 minutes!*

INTRODUCTION

With hot disintegration, pulp shows complete development of strength properties without further treatment. Disintegration time is typically reduced from 15 minutes to 2 minutes.

Disintegrating pulp at elevated temperatures reduces latency by removing the stress that is found in fibers that have been disintegrated at lower temperatures. If disintegration is done in cold water, subsequent testing will not show the full strength development of the pulp. Disintegrating the pulp at elevated temperatures and low consistency relaxes the fibers, thus removing the latency.

APPLICATIONS

Pulp

SPECIFICATIONS

- Meets TAPPI 262 and CPPA C8P
- Centrifugal Pump Motor: 240 liters per minute at 3450 rpm.
- Water temperature: 90-95° C; distilled or demineralized water

OPTIONS

- 3 liter container (holds up to 56 g of oven-dried pulp)
- 7 liter container (holds up to 136 g of oven-dried pulp)
- 180 liter hot water tank

FEATURES

- **316 Stainless frame**
- **Simple controls**

CONNECTIONS

Electrical: Specify voltage requirements when ordering

ORDERING INFORMATION

Catalog number 73-19

**The TMI Group
of Companies**



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

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

Büchel BV Fokkerstraat 24, 3905 KV Veenendaal, Netherlands
Tel: +31 (0)318 521500, Fax: +31 (0)318 540358, e-mail: 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

TMI Canada 6 Ronald Drive, Montreal West, Quebec H4X 1M8
Tel: (514) 489-8491, Fax (514) 489-6044, e-mail: canada@testingmachines.com