

Accessory List

Falling Number



Accessories and Consumables for the Falling Number Test

Accessories & Consumables

Falling Number

Accessories



Shakematic SM 1095

Sample mixer. Shaking is made independent of operator and may improve the FN results. For laboratories with high sample volume, the Shakematic substantially reduces the work load for the operators and saves time. The shakematic is mixing the sample in only three seconds. One or two tubes can be shaken.

Part # 011090 (230V)

Part # 011091 (115V)



Recirculation Cooler

For circulation of cooling water to the Falling Number cooling lid. Fits all FN models.

Note: One cooler per one Falling Number instrument.

Part # 011070 (230V)

Part # 011071 (115V)



Laboratory Mill 3100

Approved for preparation of grain for Falling Number analysis. The LM 3100 is a hammer type cyclone mill built into a soundproof casing. The fine homogenous sample is separated from air in a cyclone and collected in a quick release stainless steel container. The mill can also be used for pellets, feeds and forages and for Glutomatic/Gluten Index and NIR analysis.

Part # 031010 (230V, 50Hz)

Part # 031011 (115V, 60Hz)

Part # 031016 (230V, 60Hz)

**Part # 031013 (380-420V,
50Hz, 3ph)**



Laboratory Mill 120

Approved for preparation of grain for Falling Number analysis. The LM 120 is a hammer type mill built into a stable metal body. The ground product is collected in a filter bag placed below the grinding chamber. The mill can also be used for pellets, feeds and forages and for Glutomatic/Gluten Index and NIR analysis.

Part # 032000 (230V, 50Hz)

Part # 032001 (115V, 60Hz)

Part # 032006 (230V, 60Hz)

**Part # 032003 (380-420V,
50Hz, 3ph)**



Mill Feeder 3170

A motor driven rubber paddle Mill Feeder can be added to the LM 3100 or LM 120 to provide a consistent feed rate. This improves grinding of high moisture grain and the constant feed rate also improves overall mill performance and reduces motor strain caused by overfeeding of sample.

Part # 037000 (230V)

Part # 037010 (12VDC)



Spolett 1010

Rapid cleaner for viscometer tubes. Install the Spolett on a standard cold water tap. The Spolett 1010 provides fast, easy and safe cleaning of the viscometer tubes.

Part #191000

Spolett 1010 USA

Same as 191000 but including adapter kit 191011.

Part #191100

Adapter kit USA for Spolett

Includes a variety of adapters to fit the spolett to most taps in USA.

Part # 191011

**Cover Spolette**

Must be used when cleaning the tubes with the Spolette.

Part # 191003

**Dispenser for Falling Number**

The Falling Number Dispenser provides fast and accurate dosing. This automatic pipette can be set to 25 ml for standard Falling Number method as well as 30 ml for Fungal Falling Number buffer solution.

Part #194000

**Pipette 25 ml**

Manuel Pipette for 25 ml.

Part # 100500

**Printer for FN 1700**

Thermal printer for FN 1700. Prints out the result with time and date stamp. Cables included.

Part # 26949

**Tube Rack**

For 20 viscometer tubes.

Part # 100800

**Cassette Single**

For FN 1310 and 1500 single analysis instruments.

Part # 150205

**Cassette Double**

For FN 1700 and 1900 double analysis instruments.
Note: Be aware that you cannot swap between different style cassettes as they are individually adjusted for the instrument. If changing cassette service must make adjustments.

Part # 160440

**Cassette Stand**

For two single cassettes or for one double.

Part # 160810

**Flow Indicator**

To monitor the cooling water flow.

Part # 106571

**Drain Water Container**

For FN 1310 drain water.

Part # 130509

**Sample Container 500 ml**

Is also used as drain water container for FN 1500, 1700 and 1900.

Part # 364021

**Sample Container 250 ml**

Alternativly used as drain water container for FN 1500, 1700 and 1900.

Part # 331410

**Plastic Funnel**

For pouring the sample into the viscometer tube.

Part # 100600

**FN/GM Instruction DVD**

DVD with instruction videos for Falling number and Glutomatic standard methods.

Part # 191500

**Power Cord**

European and USA standard is available.
NOTE: The picture shows the European standard.

Part # 100118 (Eur.)
Part # 100126 (USA)

**Plastic Baton**

For LM 3100 and 120. To clean the grinding chamber.

Part # 310430

**Brush**

For LM 3100 and 120. To clean the grinding chamber etc.

Part # 311440

**Brush for cyclone**

For LM 3100. To clean the cyclone.

Part # 310440

**Plastic Funnel**

For LM 3100 and 120.

Part # 310260

**Cyclone, complete**

For LM 3100. Including adapter for fitting new cyclone on old LM 3100. The new cyclone was implemented 1994.

Part # 310500

**Cyclone upper part**

For LM 3100. 1 Litre. For new cyclone model.

Part # 310501

**Collection container**

For LM 3100. 1 Litre. For new cyclone model.

Part # 310502

Consumables

**Viscometer Tubes**

Set of 10. High precision viscometer tubes of special glass with tolerances conforming to FN standards.

Part # 100300

**Viscometer Stirrer**

For FN 1310, 1500, 1600, 1700, 1800 and 1900

Part # 160400

**Tubing for Cooling System**

3 meter silicon tube for Falling Number cooling system.

Part # 100903

**Printer Paper for FN 1500**

Comes in 5-pack. 44 mm. Also used in IM 8100.

Part # 150018

**Printer Paper for FN 1700 Printer**

For old style printer 170010. Comes in 5-pack.

Part # 170018

**Printer Paper for FN 1700 Printer**

For new style printer 26949. Comes in 5-pack. Bisfenol-A free. 80mm.

Part # 950001

**Printer Paper for FN 1900**

Comes in 5-pack. Also used in AM 5100.

Part # 171918

**Ink Ribbon Cassette FN 1500**

For FN 1500 Printer. Also used in IM 8100.

Part # 822411

**Reference Sample Falling Number**

Wheat flour sample with Falling Number value specified by Perten Instruments reference lab. 100 g.

Part # 190108**FFN Potato Starch Substrate**

900 g substrate for Fungal Falling Number method. For approximately 170-180 tests.

Part # 190105**Brush kit for Spolett**

Including two brushes, one black for upper position and one white for lower position.

Part # 191010**Tube Stoppers for Shakematic**

For Shakematic. Plastic, including O-ring. Comes in 2-pack.

Part # 109090**Tube Stoppers**

For manual shaking. Rubber. Comes in 4-pack.

Part # 100704**Sieve**

For LM 3100 and 120. 0.8 mm is standard for Falling Number sample preparation.

Part # 310230 (0.8mm)**Part # 310231 (1.0mm)****Part # 310232 (1.5mm)****Part # 310233 (2.0mm)****Part # 310234 (0.5mm)****Drive Belt**

For LM 3100 and 120.

Part # 310303**Cyclone Dust Bag**

For LM 3100.

Part # 310413**O-ring for Cyclone Dust Bag**

For LM 3100. This O-ring fits the new type dust bag #310413. If you have the old thin type dust bag, also change the dust bag.

Part # 310411**Nylon Bag**

For LM 120.

Part # 311401**Rubber Bushing for Cyclone**

For LM 3100. For new cyclone model (implemented 1994).

Part # 310503**Rubber Bushing for Cyclone**

For LM 3100. For old cyclone model (before 1994).

Part # 310403

Specialists in quality control of grain, flour, food and feed

Our goal, to be Specialists in quality control of grain, flour, food and feed, has been driving us since Harald Perten founded the company in 1962.

Mr. Perten's vision, to help customers improve product quality by providing analytical methods that are affordable and easy to use, is still inspiring us to new innovations.

Today, Perten Instruments is present in just about every part of the world. In some countries we serve you through our own companies, whereas in others we serve you through local distributors. Wherever you are, we are close to you. And we are all "Specialists in quality control of grain, flour, feed and food".



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