

Measurement of the Degree of Milling

MILLING METER

MM1D



SATAKE CORPORATION

Above display is a composite picture.

The Satake Corporation has developed a new milling meter that simultaneously measures the degree of milling, comparative whiteness and degree of transparency of milled rice samples. This advanced measuring system uses both reflected and absorbed light, producing far greater accuracy than can be obtained with conventional whiteness meters, which measure only reflected light.

1) Three Displayed Milling Indicators

Milling Degree, which is an indicator of the percentage of bran removal, is calculated by a microprocessor from the measured whiteness and transparency values. In addition, Whiteness and Transparency, which are indicators of appearance, are also displayed.

2) Rapid Analysis

The Satake MM1D can accurately analyze a sample within five seconds.

3) Ease of Operation

The Satake MM1D analyzes milled rice without the need for preliminary grading or grinding. It is only necessary to place a rice sample into the sample case and insert the case into the unit. All measurement is accomplished automatically, with no special skills or techniques required by the operator.

4) LCD Touch Sensitive Display of Measured and Average Value

The LCD allows greater reading accuracy. Averaging of up to five sample values is done automatically. Historical store of 999 results.

5) Objective Measurement for Milling Degree

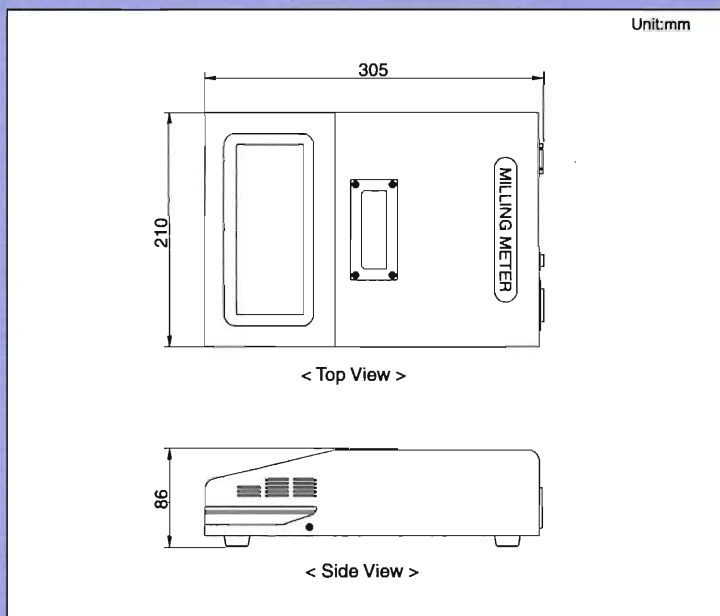
The Satake MM1D eliminates subjective judgments of milling degree. This is especially useful whenever an objective appraisal of milling degree is necessary, such as in the prevention of over-milling and under-milling in rice whitening lines.

MILLING METER

Specifications

Model	MM1D
Measurement Method	Photo diode
Measurement Range	Whiteness : 5.0~70.0% Transparency : 0.01~8.00% Milling Degree Points : 0~199
Light Source	Blue LED
Power Source	AC90~240V, 50/60Hz Single Phase

Dimensions



Model	Net Weight(kg)
MM1D	3.5

All Satake products are the subject of continuous development and, as a result, their specification may change and differ in detail from those shown.

SATAKE CORPORATION

Head Office

2-30, Saijo-Nishihonmachi,
Higashi-Hiroshima, 739-8602, Japan
Tel : +81-82-420-8560/8539
Fax : +81-82-420-0865
e-mail : international@satake-japan.co.jp
URL : www.satake-japan.co.jp

UK Division

P.O.Box 53, Bredbury, Stockport,
Cheshire, SK6 2FG, England
Tel : +44-161-406-3800
Fax : +44-161-406-3801
e-mail : sales@satake.co.uk
URL : www.satake.co.uk

Yangon Office

No.32, Pyay Road,
Hlaing Township, Yangon
Myanmar
Tel : +95-1-525077
Fax : +95-1-512742
e-mail : ygsatake@mptmail.net.mm

Beijing Office

Building No.2, Room 4405,
208, 2nd Zone, Lize
Zhongyuan, Chaoyang District,
Beijing, People's Republic of China
Tel : +86-10-8454-0146
Fax : +86-10-8454-0145

SATAKE USA INC.

10905 Cash Road,
Stafford, Texas 77477 U.S.A.
Tel : +1-281-276-3600
Fax : +1-281-494-1460
e-mail : rice@satake-usa.com
URL : www.satake-usa.com

SATAKE (CANADA) INC.

5100 Fallingbrook Drive
Mississauga, Ontario, L5V
1S7, Canada
Tel : +1-905-858-0791
Fax : +1-905-858-0957
e-mail : sales@satake-canada.com

SATAKE AMERICA LATINA LTDA.

Rua Xavantes, 155-Bairro
Atiradores, CEP 89203-210,
Joinville, Santa Catarina, Brazil
Tel : +55-47-3461-1313
Fax : +55-47-3461-1300
e-mail : ricardo@satake.com.br

SATAKE INDIA ENGINEERING PVT. LTD.

4th Floor, Tower-1, HB Twin Towers, A2,
3, 4-Netaji Subhash Place, Wazirpur
District Centre, New Delhi, 110034, India
Tel : +91-11-4706-2626
Fax : +91-11-4706-2624
e-mail : satake@del2.vsnl.net.in

SATAKE (THAILAND) CO., LTD.

133 Moo 5, Bangkadi Industrial Park,
Tivanon Road, Patumthani 12000, Thailand
Tel : +66-2-501-1180
Fax : +66-2-501-1188
e-mail : satake@asia.com
URL : http://www.satake.com/v

SATAKE INTERNATIONAL BANGKOK CO., LTD.

888/84 Mahatun Plaza Bld. 8th Floor
Ploenchit Rd., Lumpini Pathumwan
Bangkok 10330, THAILAND
Tel : +66-2-651-5845
Fax : +66-2-651-5848
e-mail : satake@asia.com

SATAKE MANUFACTURING (SUZHOU) CO., LTD.

Jin Feng Road, Suzhou
New District, Suzhou City,
Jiangsu Province P.R.China
Tel : +86-512-6536-8225
Fax : +86-512-6536-5922
e-mail : satake@satake.cn

SATAKE AUSTRALIA PTY. LTD.

15 Leland Street, Penrith,
N.S.W., 2750, Australia
Tel : +61-2-4725-2600
Fax : +61-2-4725-2601
e-mail : info@satake.com.au
URL : www.satake.com.au

SATAKE CORPORATION has
obtained ISO 9001 and ISO
14001 certification.
These international standards
for management systems
ensure Satake will continue to
provide high quality products
and services.

ISO 9001 Certification
(Quality Management Systems)
ISO 14001 Certification
(Environmental Management Systems)