

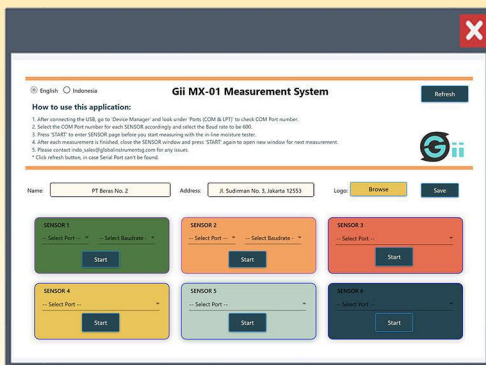
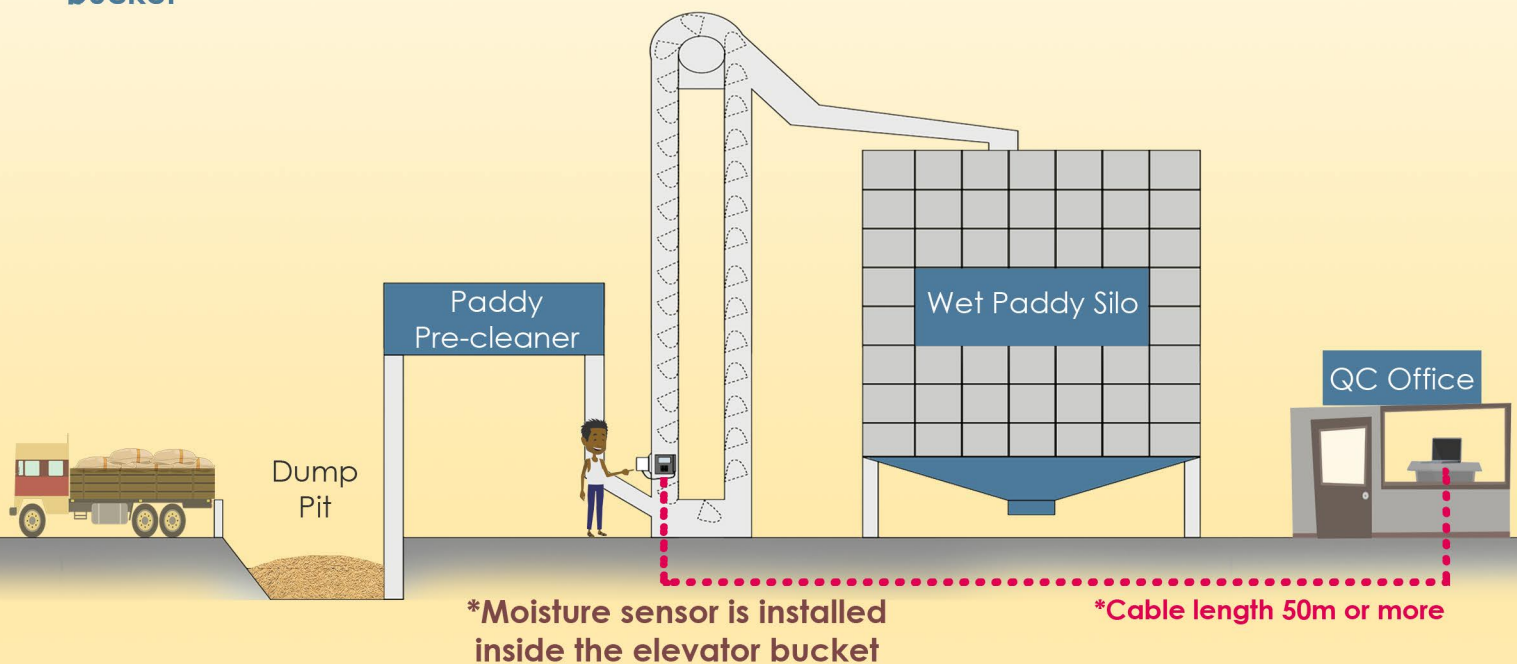


# MX-01

## Automatic In-line Interval Moisture Measurement System

For Paddy, Brown Rice and Milled Rice

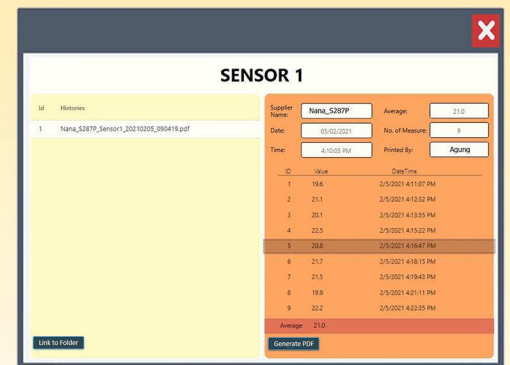
- 1** Paddy truck goes directly to dump pit after weighing. Measurement of moisture will be done automatically when the grains travel through the moisture sensor inside the elevator bucket
- 2** Set number of pieces to measure per interval, set number of intervals and set waiting time between each interval accordingly to truck unload time. Press 'START'
- 3** Once measurement is done for each truck, data is automatically transferred and stored on PC software inside your office, ready to print



MX-01 Software Main Page



KETT Moisture Sensor



MX-01 Software Sensor Page

(Includes 1 set of KETT moisture sensor, 50m cable, MX-01 data logging software)

# Gii MX-01 System

The Gii MX-01 is an automatic in-line interval moisture measurement system for incoming grains such as paddy, milled rice and brown rice. The moisture sensor, which is installed inside the elevator bucket, will crush a set number of single kernels during each interval and then provide the average moisture reading for each interval as well as for the entire truck.

The interval system ensures that a sample from almost all the bags of grains in the truck will be measured, and not just a random selection of a few bags of grains. This way you will get an accurate and reliable average moisture value of all grains on each truck. A PDF report with your company's letterhead will be generated by the software after each measurement.

## Connect Multiple Sensors to 1 Software

Each PC can connect up to 6 sensors units concurrently for easy management of incoming grains moisture data.

## Set Measurement Time to Sync with Truck Unloading Time

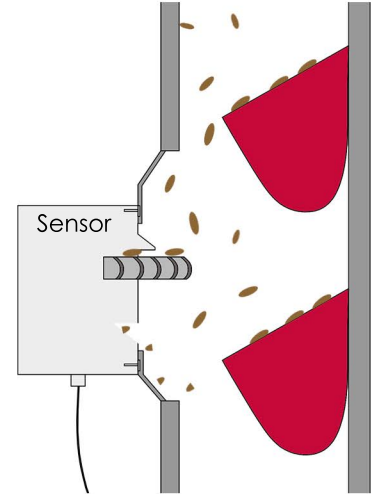
You can control the time taken for each measurement by setting the number of pieces of grains measured per interval, the number of intervals and the waiting time between each interval.

## Non-editable PDF report

The software automatically generates a non-editable PDF report after each measurement with date and time stamp.

## Eliminate Human Error

During peak seasons, situation inside the rice mill might be very hectic and human errors might occur when moisture readings are recorded wrongly or measured wrongly with manual moisture meters as crushing pressure will not be consistent.



Sensor inside the elevator bucket will crush single kernels that fall off the buckets

## Specifications

MX-01 System	
Measuring Principle	Electrical Resistance Method
Applications	Long Paddy Long Brown Rice Long Milled Rice
Measurement Range	Moisture content: 11-35%
Measurement resolution	0.1%
Operating Environment	Temp: 0-50°C, RH: 0-80%
Settings for Moisture Sensor	1. Setting of number of pieces to be measured per interval (1 - 250 pcs) 2. Setting number of intervals (1 - 9 times) 3. Setting waiting time between each interval (1-30 min)
Power Source	AC 100-240V (50/60V)
Software Compatibility	Windows 10, 8.1, 8 and 7 (SP1)
Software Features	Toggle between English and Bahasa language Choice of PDF report output size in A4/9.5"x5.5" Input of company details for Company Letterhead on PDF report Connects up to 6 sensors with 1 software
PC Requirements	1 USB port per sensor
Standard Accessories	1x 0.5m RS232C cable 1x RS232C-RS485 Converter (requires 5-12V DC power) 1x 50m RS485 cable 1x RS485-USB converter 1x 5m Cable between sensor and controller
Dimensions of Moisture Meter	Controller: 170(L) x 110(D) x 248(H)mm, 1.2kg Sensor: 150(L) x 120(D) x 220(H)mm, 2.0kg
Options	Increase cable length between sensor and PC up to 500m 10m Cable between sensor and controller

**Your Company Name**  
Your company address

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**Incoming Grain Analysis Report**  
(Sensor 1)

Supplier Name: Nana\_S287P  
Printed Date: 05/02/2021  
Printed Time: 4:10:05 PM

Average: 21.0  
No. of Measure: 9  
Printed By: Agung

**Moisture Content (%)**

ID	Description	Created Time
1	19.6	2/5/2021 4:11:07 PM
2	21.1	2/5/2021 4:12:32 PM
3	20.1	2/5/2021 4:13:55 PM
4	22.5	2/5/2021 4:15:22 PM
5	20.8	2/5/2021 4:16:47 PM
6	21.7	2/5/2021 4:18:15 PM
7	21.5	2/5/2021 4:19:43 PM
8	19.9	2/5/2021 4:21:11 PM
9	22.2	2/5/2021 4:22:35 PM

Empty Kernels (%)

Grain Yield (%)

Varieties

QC Personnel

Approved By:

PDF Report format (A4 size)



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