

High data density providing  
high resolution maps

Effective and practical

Can be installed in several  
types of vehicles



# ***Flexum***

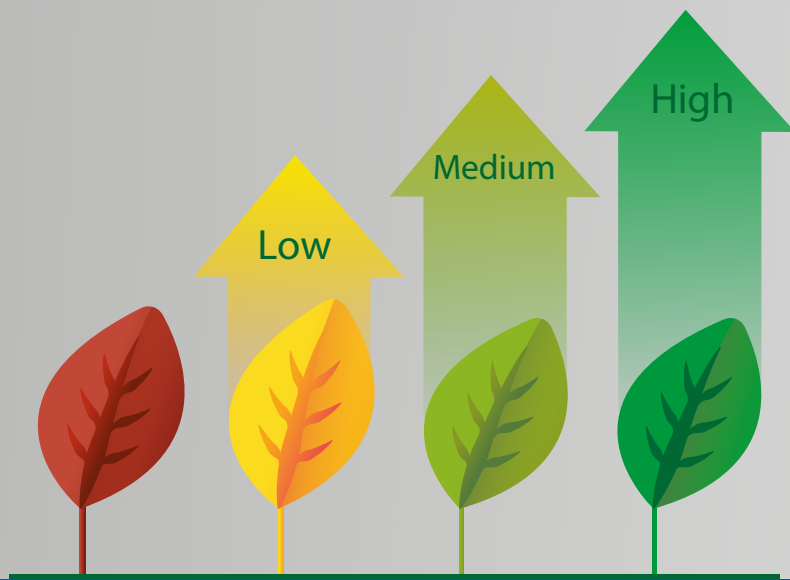
Active NDVI Reflectance Meter

# Measure the NDVI index continuously, dynamically and effectively



## NDVI or Normalized Difference Vegetation Index

It is used as an indicator of crop development, helping to monitor leaf and production health.



## Integration with FieldBox

Flexum is connected to the FieldBox for configuration, georeferencing and storage of measurements.



With Flexum, you analyze the development of the nutritional conditions of the crop in real time, being able to diagnose and adjust fertilization quickly, in addition to having much more practicality: the equipment can be installed in different vehicles.

It performs the optical analysis of the development and nutritional status of the crop during field operations, even without sunlight.

It allows diagnosing problems for immediate fertilization adjustments.

## Measuring range

The equipment measures a circular area of approximately 1 meter in diameter. Thus, Flexum must be installed about 1 meter away from the crop to be analyzed.

## Continuous readings

The readings performed by the equipment are made continuously: one reading per second. This ensures more complete and in-depth information.



## Flexibility

Flexum can be installed in vehicles suitable for measurements, such as motorcycles or quadricycles, and in vehicles that perform operations in the field, such as sprayers, tractors or fertilizer spreaders. Several options to facilitate your work.

## Key Benefits

Easy to use and fully automated

Does not depend on natural light conditions

Takes measurements faster

Complete data mapping

Allows adjustment of nitrogen fertilization during crop development



# Technical Specifications

## FXM2050

Measuring area	Circle with a diameter of 1 m
Measuring distance	1 m from plants
Measuring range	NDVI (from 0 up to 1)
Type of measurment	Active
Light source	LEDs
Operating temperature	0 to 50 °C
Data export format	Shapefile or CSV
FieldBox connection	Up to 4 sensors
Power supply	12V
Dimensions	295 x 137 x 75 mm
Weight	1.4 kg



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