



MANGO QUALITY M E T E R

- *Remove guesswork and accurately predict crop harvest dates.*
- *Reduce waste and cut crop spoilage.*
- *Easy, out-of-the-box operation.*

Using state-of-the-art NIR (near infrared) technology, the Mango Quality Meter precisely and non-destructively **measures dry matter and Brix**, the mango's key quality and ripeness indicators. This enables growers to accurately predict crop harvest dates, reduce guesswork and minimize spoilage, while increasing harvest predictability. **Trusted by thousands of universities**, research institutes and commercial producers worldwide, Felix Instruments now brings the power and utility of NIR technology to the mango industry.

FRUITMAPS



SPECIFICATIONS

Spectrometer	Hamamatsu C11708MA	Display	Sunlight visible LCD screen w/ backlight
Range	640-1050 nm	PC Interface	Wi-Fi
Spectral Sample Size	2.3 nm	Data Recorded	Raw data, reflectance, absorbance, 1 st derivative, 2 nd derivative, GPS, date, time
Spectral Resolution	20 nm (FWHM) maximum	Measurement	Dry matter & Brix
Light Source	Halogen Tungsten Lamp	Power Source	Removable 3400 milliamp hour lithium-ion batteries
Lens	Fused silica coated to enhance NIR	Battery Life	500+ measurements
Shutter	White painted reference standard	Body	Heavy-duty aluminum body
		Dimensions	7.1" x 4.75"W, 1.75" thick
		Weight	1.05 kg



THE POWER TO PREDICT

Paired with the revolutionary crop mapping software, Fruitmaps®, the Mango Quality Meter is a game-changer for the mango industry. Using a wi-fi connection, gathered data can be seamlessly uploaded to the cloud giving mango growers the power to forecast harvest timing more accurately than ever before. In addition, the Mango Quality Meter gives QA professionals the ability to assess mango quality while in storage and retail outlets the capacity to accurately inspect product. Visit our website to learn more at www.felixinstruments.com.

FRUITMAPS 



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