

# MELON QUALITY METER

- *Accurately and rapidly measure Brix.*
- *Ascertain harvest and incoming fruit quality instantly.*
- *Easy, out-of-the-box operation.*

The F-751 Melon Quality Meter accurately and **non-destructively** measures Brix, the melon's key quality and ripeness metric. Using near-infrared (NIR) technology, the F-751 takes measurements in seconds, enabling melon growers, distributors, and retailers to rapidly gather data without destroying product. **Trusted by thousands of universities**, research institutes and commercial producers worldwide, Felix Instruments now brings the power of NIR technology to the kiwi industry.

**Measurement Range:** 5-15° Brix

**Varieties:** Honeydew, Cantaloupe



## FRUITMAPS

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# SPECIFICATIONS

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



## THE POWER TO PREDICT WITH FRUITMAPS®

Paired with the free application, Fruitmaps®, the F-751 Melon Quality Meter is a game-changer for the melon industry. Using a wi-fi connection, gathered data can be seamlessly uploaded to the cloud giving melon growers the power to visualize their entire crop's maturity and forecast harvest timing more accurately than ever before. In addition, the device gives QA professionals the ability to assess melon quality while in storage, and retail outlets the capacity to accurately inspect incoming product. Visit our website to learn more at [www.felixinstruments.com](http://www.felixinstruments.com).

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