



Based on the original F-750 Produce Quality Meter, is specifically engineered to gauge the maturity of avocados via dry-matter assessment. The instrument is designed to accurately predict percent dry matter straight out of the box with just a simple push of the button. Utilizing a wi-fi connection, the data collected using the F-751 Avocado Quality Meter can be seamlessly transferred to a computer for easy analysis and data sharing.

Benefits of the Avocado Quality Meter include a more in-depth avocado model for measuring dry matter, as well as a significantly smaller price tag than the F-750 Produce Quality Meter.

The Avocado Quality Meter also comes with the ability to use Fruit Maps, the free interactive harvest map application co-created by Felix Instruments and Central Queensland University.

## Specifications

<b>Spectrometer:</b>	Hamamatsu C11708MA
<b>Range:</b>	640-1050 nm
<b>Spectral Sample Size:</b>	2.3 nm
<b>Spectral Resolution:</b>	20 nm (FWHM) maximum
<b>Light Source:</b>	Halogen Tungsten Lamp with gold reflector
<b>Lens:</b>	Fused silica coated to enhance NIR
<b>Shutter:</b>	White painted reference standard
<b>Display:</b>	Sunlight visible transreflective LCD screen with backlight
<b>PC Interface:</b>	Wi-Fi
<b>Data Recorded:</b>	Raw data, reflectance, absorbance, first derivative, second derivative, GPS coordinates, Date, Time
<b>Measurement:</b>	Dry Matter
<b>Power Source:</b>	Removable 3400 milliamp hour lithium-ion batteries
<b>Battery Life:</b>	500+ measurements
<b>Body:</b>	Heavy-duty powder coated aluminum body
<b>Dimensions:</b>	7.1" x 4.75"W x 1.75" thick
<b>Weight:</b>	1.05 kg