

Olivia™

Get more oil from your olive paste and pomace



ANALYTICS BEYOND MEASURE

Olivia™ is a robust, simple-to-use instrument providing an accurate measurement of fat and moisture in olive paste or pomace within one minute. This allows small and medium olive processors to make informed decisions about their raw materials and to improve the yield in olive oil production.

High accuracy ensures fair payment and improves yield

With accurate information available within 60 seconds, you can ensure fair payment by sharing valuable data with growers and optimise production to get more value from your olive deliveries.

Ease of use for consistent quality control

Because it is so easy to make a reliable measurement, anyone working in the plant can perform high quality analysis and contribute to product consistency. Sample handling is easy: just grind the olives in a hammer mill, fill the cup and place in the analyser for fast results. Olive pomace can be analysed directly with no further preparation.

Easy start-up, with ready-made global ANN calibrations

Measurements are based on comprehensive data acquired over many years of collaboration with the olive industry. As new calibrations are released, they are simply downloaded via the internet and transferred to the Olivia unit ensuring accurate and reliable results.

Sample type

Olive paste, olive pomace

Parameters

Fat and moisture

Technology

NIR transmittance

Specifications

Technical specifications	
Analysis time	1 minute for 10 sub-samples
Self test	Approximately 10 minutes at room temperature
Sample weight	75 g
Measurement mode	Transmittance
Wavelength range	850 - 1050 nm
Detector	Silicon Linear Array
IP Class	42
Software package	FossManager™

Standards and approvals

Olivia™ is CE labeled and complies with the following directives:

- EMC (ElectroMagnetic Compatibility) Directive 2004/108/EC
- LVD (Low Voltage Directive) 2006/95/EC
- Packing and Waste Directive 94/62/EC
- RoHS (Restriction of Hazardous Substances) Directive 2002/95/EC

Installation requirements	
Power supply	100-240 V AC, 100 VA *, 50-60 Hz, Class 1, with protective earth
Ambient temperature	5 - 35 °C
Storage temperature	-20 °C to 70 °C
Ambient humidity	< 93% RH, cyclic up to 100% RH
Weight	11.4 kg
Dimensions (w x d x h)	23 x 39 x 42 cm
Environment	Stationary, light industry

The Mosaic Client software (Manager Pro + Manager Lite + Express) has been designed to run on a PC with:

- Windows 7 or Windows 10 (Windows Server 2012R2 and 2016 also supported)
- Internet Explorer 8 or newer
- 2 GHz CPU speed (minimum)
- 2 GB RAM
- 10 GB free disk space
- SVGA at 1024*768, min. 16-bit colours. 1280x1024 recommended