

SpectraAlyzer

OLIVE



ZEUTEC







SpectraAlyzer® 2.0 - OLIVE

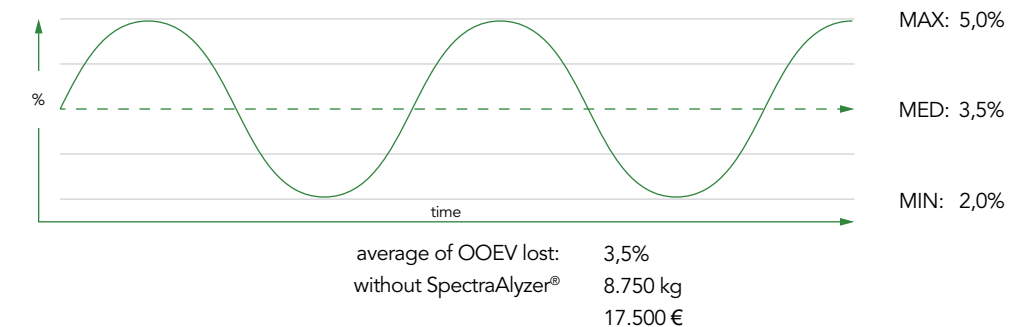


Economical benefits and amortization

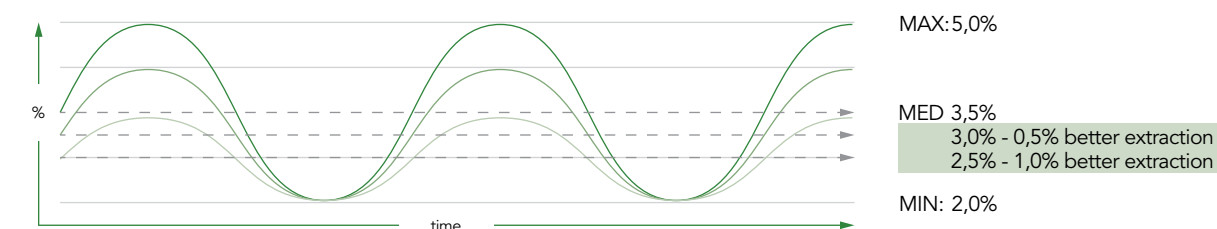
Case study to illustrate increased profitability using the SpectraAlyzer 2.0 OLIVE with the improvement of oil extraction from the olive pomace.

Basic data			
1.000.000	kg ground olives per year		
2.0	Euro/kg OOEV (Olive Oil Extra Virgin)		
25%	Average yield in olives		
2,0%	to	5,0%	OOEV lost in pomace during the extraction
10.000 €	lost	25.000 €	lost
(5.000kg)		(12.500kg)	

Percentage of OOVE lost without the help of an NIR analyzer



Percentage of OOVE lost with the help of a SpectraAlyzer®



average of OOVE lost:
without SpectraAlyzer® 3,5%
8.750 kg
17.500 €

average of OOVE lost:
with SpectraAlyzer® 0,5 % better extraction 3,0%
7.500 kg
15.000 €

Save per harvesting season with SpectraAlyzer®

2.500 Euros

Amortization period for the SpectraAlyzer®
(PVP: 18.000 Euros)

7,2 Seasons

average of OOVE lost:
with SpectraAlyzer® 0,5 % better extraction 2,5%
6.250 kg
12.500 €

Save per harvesting season with SpectraAlyzer®

5.000 Euros

3,6 Seasons



Technical data



Design
For olive products and olive byproducts
Spectral range 1400 – 2400 nm
Dual beam system, sample / reference measurement
High signal to noise > 10000:1
Large expandable internal memory for calibrations, methods and history results
Auto-diagnostics
Graphical user interface, projected capacitive glass touch panel

Accessories	
Standard calibrations	Included
Keyboard	Optional accessory
Barcode reader	Optional accessory
Printer	Thermal ticket or office type printer optional accessory
WiFi	Wireless LAN optional accessory
AWX G2 software	Application worx G2 software package, optional accessory
Transflection stamp	Sampling cell for oil analysis, optional accessory

Specifications	
Screen	TFT 800 x 480 pixels
Power requirements	min. 90 V AC (50 – 60 Hz) max. 260 V AC (50 – 60 Hz), 220 VA
Operating temperature	5 - 40 °C non-condensing
Interfaces	1 x front USB 2.0, 3 x USB 2.0, 2 x RS232, Ethernet, Audio out
Measurements	Height: 310 mm / Width: 300 mm / Depth: 480 mm
Weight	17 kg

Order information	
SpectraAlyzer® 2.0 - OLIVE	110-A100-4
SpectraAlyzer® 2.0 - TW OLIVE	110-A100-8

ZEUTEC Opto-Elektronik GmbH
Kieler Str. 211, D-24768 Rendsburg
T (+49) 4331 - 136650
E moreinfo@zeutec.de
www.spectraalyzer.com

ZEUTEC