



## VERIFY IN SECONDS YOUR INCOMING RAW MATERIAL



### DESCRIPTION:

The **VISUM PALM** handheld is a portable NIR analyser. Small and handy for fast quality control in the warehouse and in the field. The VISUM PALM measures chemical composition of food and beverage products: for incoming material, semi-finished products and final products.

### MAIN CHARACTERISTICS:

- For identification of raw materials and quantification of quality parameters
- Easy integration of additional measurement parameters
- Quality control, even through plastic bags
- Portable device to be used in the warehouse or outdoor
- Very easy to use with intuitive user interface and touch screen
- Robust, reliable and designed for industrial environments



## TECHNICAL SPECIFICATIONS:

Sensor	InGaAs photodiode array
Spectral range	900 – 1700 nm
Typical single spectrum acquisition time	10 ms
Spectral resolution	3 nm
Acquisition geometry	Diffuse reflectance, interactance and trasflectance (with a dedicated holder)
Weight	1.9 kg
Ingress protection	IP63
Power supply for charging the battery in the dock station	230 VAC (1-phase). Consumption < 100 W
Light source lifetime	1 year (standard use)
Built-in computer	A7 Dual-Core ARM®
Basic connectivity	Ethernet (TCP/IP)
User interface	Built-in 5.3-inch resistive touchscreen and manually operated trigger for acquiring the spectra

## APPLICATIONS:



### FOOD

- Quality parameters of food, drinks and feed
- Quality of incoming raw material
- Food adulteration detection
- Quality parameters of finished products



Meat & Poultry



Flour & Milling



Edible Oils



Dairy



Chocolate & Cocoa



Wine



### PHARMA

- Identification and quality control of raw materials
- Detection of adulterations



Pills



Tablets



Parenterals



Powders



### CHEMICAL

- Identification and quality control of incoming materials
- Material characterization



Ceramic



Tire



Mining



Cristal



Chemical



Plastic

