

InLAB NIR Plus



**New
release!**

Adding Value to your Quality Control

MAIN FEATURES

- FULLY INTEGRATED DEVICE (SPECTROMETER, SAMPLING DEVICE AND PC)
- FULLY AUTOMATIC
- WIDE RANGE OF SOLIDS AND SEMISOLIDS SAMPLES
- RAW MATERIALS (AS WHOLE GRAINS) AND PROCESSED PRODUCTS
- EASY OPERATION (TOUCHSCREEN PC AND FRIENDLY GRAPHIC INTERFACE)
- FAST RESULTS AS LESS THAN 30 SECONDS
- ULTIMATE PDA FULL SPECTRA ACQUISITION TECHNOLOGY
- EXCELLENT ACCURACY, PRECISION AND STABILITY
- MINIMUM MAINTENANCE



TecnoCientífica®
QUALITY AND PROCESS CONTROL

Vidal 2802
C1428CSV Buenos Aires Argentina
Tel./Fax (54 11) 4116 9006
ventas@tecnocientifica.com

www.TecnoCientifica.com

Full Innovation in Solids Analysis

THE INLAB NIR-PLUS IS THE NEW GENERATION OF TECNOCIENFICA'S NIR ANALYZERS. IT BELONGS TO THE ULTIMATE SPECTROSCOPY TECHNOLOGY, DESIGNED TO PROVIDE AN INTEGRAL SOLUTION FOR AGRICULTURAL, FOOD, FEED AND CHEMISTRY INDUSTRIES. IT'S THE IDEAL SOLUTION FOR LABORATORIES AND FACTORIES QUALITY CONTROL

PRODUCTS



SPECIFICATIONS

SPECTRAL COLLECTION: By Reflectance
SAMPLE PROCESSING: No sample contact
SAMPLE COLLECTION: Drawer in front
KINDS OF SAMPLES: Solids in general. Whole and processed grains
SAMPLE PREPARATION: Not needed (Only in very special cases)
LIGHT SOURCE: Tungsten halogen - 6 watts
MEASUREMENT TIME: Less than 30 seconds - Full process
ADDITIONAL PROCESS: Max 3(three) - full spectral integration
DETECTOR: PDA - Photo Diode Array 512 pixels or 256 pixels
MEASUREMENT WINDOW: Fused quartz G1 grade
TEMPERATURE STABILIZED: Special TEC-NIR device - 24°C (+/- 0.1°C)
SPECTRAL RANGE: Customized (920-1700 , 920-2100, others)
SPECTRAL RESOLUTION: 3.5 to 4 nm
REFERENCE: Spectralon
DARK SIGNAL: Light shutter - Full Automatic
EXTERNAL COMMUNICATION: Serial /USB /Ethernet(RJ45)/VGA
SOFTWARE OPERATING SYSTEMS: Integrated
SCREEN: 12" IndustrialTouchscreen panel
SAMPLE IDENTIFICATION: Alphanumeric
HISTORICAL DATA: Database exportable to Excel
SAFETY: Password operated - Different user levels
PRODUCTS MEMORY: Not limited - User programmable
PARAMETERS: Not limited - Depending on the Calibration file
ADJUSTMENTS: Bias, Slope and Moisture Basis
OPERATION TEMPERATURE: 5°C to 45°C
OPERATION MOISTURE: < 85%
VOLTAGE: 100-240 V CA, 50/60 Hz auto-range
SIZE: W 600 mm x H 550 mm x D 325 mm
WEIGHT: 20 Kg



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DISTRIBUTOR