

Diode Array 7200

NIR Analysis System



Benefits:

- 6-Second Analysis
- Accurate
- Easy to Use
- Versatile

Diode Array 7200 NIR Analysis System

Fast: The DA 7200 is fast; it performs multi-component analysis in 6 seconds and requires little to no sample preparation or clean-up after analysis. Easy handling and fast analysis significantly reduce workload during any given week. The speed increases lab throughput and frees operators for other tasks. Most critically, it provides information to monitor your entire process in essentially real-time.



Accurate: To produce accurate results an NIR instrument must accomplish three tasks: analyze a representative sample, perform a precise measurement and prevent user errors.

- The large spot size and dish and multiple spectra collection ensure that a representative sample is analyzed – even for very heterogeneous samples.
- Solid state optics, wavelength stabilization and individual detectors for each wavelength remove instrument noise from the measurement thereby improving accuracy. In addition, the DA 7200 performs a self check prior to every analysis.
- The DA 7200 optimizes sample presentation while minimizing operator influence. There are no variable glass sample cups to pack improperly.

Improved accuracy saves money by allowing users to decrease safety margins and improve quality.

Easy to Use: The DA 7200 was designed for routine operation incorporating a touch screen and 2-button analysis. Simply pour the sample, strike off excess, place under the instrument, and press analyze.

The ease of use allows any operator to perform accurate analysis, and as a result, quality testing can be performed 24 hours a day. Its simplicity of operation means new staff can be brought up to speed quickly with minimal training.

Versatile: The ability to analyze many different sample types for many different parameters makes the DA 7200 extremely valuable. Analyze whole grains, meals, powders, pellets, finished goods, slurries, pastes and liquids – all on one instrument. Perten Instruments can supply many pre-developed calibrations for a multitude of products.

These features combine to create the fastest, easiest-to-use, most operationally accurate and most versatile analysis system available.

Specifications

Power Requirement: 115/230V, 50/60 Hz, 115 W.

Dimensions (HxDxW): 556x375x370x mm with touch screen in top position

Net Weight: 21 kg

Operating Environment: Temp: 5-35°C, Humidity: 35-80 %

Products: Grains, Pellets, Slurries, Liquids, Pastes, Meals, Powders etc.

Parameters: Moisture, Protein, Fat/Oil, Fibre, Amino Acids, Starch, Fatty Acids, Sugars, Ethanol and many others

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INSTRUMENTS

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