



MADE IN USA IL700EP

Dickey-john® Instalab® 700 Analyser

The Instalab® 700 analyzer offers reliability and accuracy in fixed filter testing that is simple to operate and affordable. Quality design and construction ensures the most reliable NIR results available. The Instalab® 700 has a patented rotating sample cup which virtually eliminates problems associated with sample non-homogeneity. The cup rotation is computer-controlled, with 120 readings taken at 3° intervals and averaged for each wavelength. The optional liquid sample cup has a non-rotation feature for measurements of liquids and oils. The Instalab® 700 is dependable in design and built for trouble-free operation in any environment – from lab to production line.

Completely customizable, the instrument allows filters to be changed to adjust the bandwidth for product constituents, including protein, cellulose, sugar, ash, starch, oil and fat, alcohol, cotton and polyester. The Instalab® 700 is an analytical upgrade from the Instalab® 600 series predecessor, which allows for porting of the Instalab 600's extensive constituent library to the Instalab® 700.

Product Applications

- Flour Milling
- Ethanol production
- Feed Processing
- Food Ingredients
- Meat Processing
- Dairy Processing
- Grain Processing

Constituents

- Protein
- Oil/Fat
- Moisture
- Starch
- Fiber
- Ash
- And more...

Benefits and Features:

- Easy to use
- Intuitive color touch screen, reducing operator training
- Tungsten halogen light source
- Memory storage for numerous calibrations
- Sample cup interchangeability
- Liquid sample cup for oils and liquids
- USB, Ethernet Ports – Multiple ports for software upgrades, USB devices, printer and peripherals such as a mouse and scanner.
- File management
 - > Storage of 3000 records
 - > Export analysis data
 - > Product calibration loading via USB memory stick
- Simple slope and bias adjustment for every calibration

Net wt: 34 lbs, Actual dims: 14.25" (L) x 15.52" (W) x 13.93" (H), Ship wt: 40 lbs, Ship dims: 19" (L) x 19" (W) x 20" (H). Power requirements: 120/220 VAC (50/60Hz) Universal switching power supply range: 90–260 VAC (50/60Hz)

Instalab IL710EP with 1445, 1722, 1759, 2345 nm**No. IL710EP**
Food ingredients and grain, meat, dairy, poultry, fishmeal and bonemeal products, ethanol also used in research applications

Instalab IL710FG with 650, 2139, 2270, 2345 nm**No. IL710FG**
For flour milling operations; Moisture, protein, starch, sugar and alcohol

Instalab IL710FM with 650, 1759, 2270, 2345 nm..... **No. IL710FM**
General purpose dry milling of grain and animal feeds

Instalab IL710MC with 1445, 1722, 1734, 1759 nm..... **No. IL710MC**
For food ingredients and grain, meat, dairy, poultry, fishmeal and bonemeal products

Instalab IL710SB with 1759, 1818, 1982, 2336 nm **No. IL710SB**
Determination of protein and oil in soybeans, wet milling

Instalab IL704 Moisture and Protein Analysis**No. IL704**
For products such as wheat and/or flour, barley, milo or oats

Instalab IL706 Moisture, Protein, Oil/Fat, Starch and Fiber.....**No. IL706**
For products such as wheat, corn, soybean, sunflower, rapeseed, barley, milo, oats and alfalfa

Instalab IL707FM with 650 nm Moisture, Protein, Oil/Fat, Starch, Fiber and Ash **No. IL707FM**
For products such as wheat, corn, soybean, sunflower, rapeseed, barley, milo, oats and alfalfa, also has a special filter for ash

Instalab IL707 with 1759 nm.....**No. IL707**
For general purpose dry milling of grain

Optional Printer, USB Connection.....**No. GAC-P25/USB**



GAC-P25/USB