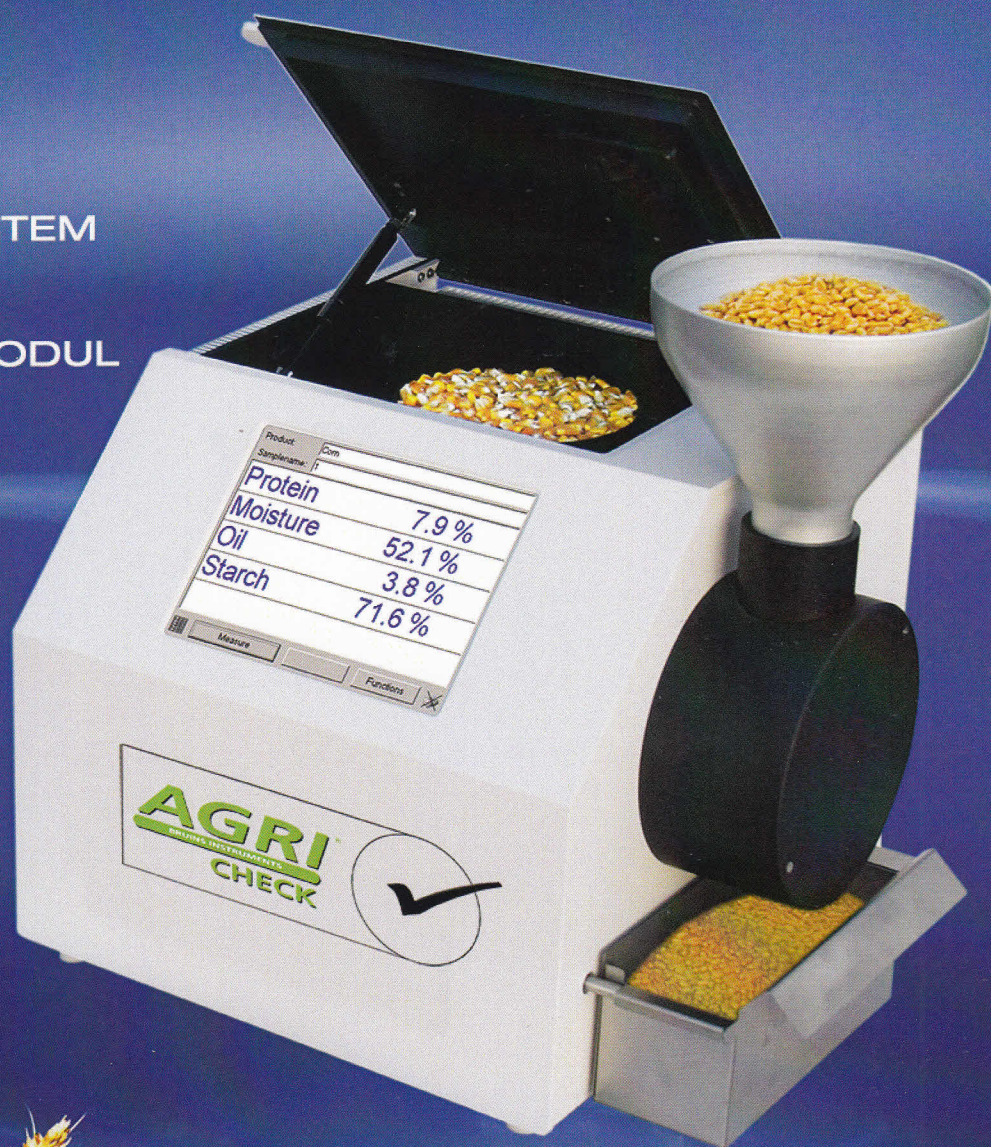


BRUINS INSTRUMENTS

# AgriCheck<sup>®</sup> XL

NIR ANALYZER  
WHOLE GRAIN SYSTEM  
TRANSMISSION  
HIGH MOISTURE MODUL  
TEST WEIGHT

WHEAT  
BARLEY  
CORN  
SOYBEANS  
RICE  
RAPESEED  
SUNFLOWER  
GREEN MALT





# AgriCheck<sup>®</sup> XL

Bruins Instruments is one of the oldest manufacturers of spectrophotometer in the world. Since more than 35 years we build NIR as well as UV-VIS instruments. The AgriCheck XL is the newest model in the family of whole grain Analyzer developed and produced by Bruins Instruments. The AgriCheck XL is certified for grain trading in several countries of the world.

## Products

The AgriCheck XL is designed to measure all kinds of whole grain and oil seeds such as Wheat, Durum, Barley, Corn, Soybeans, Rapeseeds, Brown Rice, Milled Rice, Rough Rice, Oats, Rye, Triticale, Sorghum and others.

With his sample dish for high moisture samples it allows to measure up to 60 % Moisture and products such as wet Grain and Green Malt.

## Parameters

Depending on the product all Analyzers of Bruins Instruments are designed to measure Moisture, Protein, Oil, Starch, Fibre, Gluten, Zeleny, Amylose, FFA and others.

Our Application division can develop calibrations for almost any significant component or property of your particular product.

## Features and Benefits

The high moisture cell can be used for small amount of sample. Just a volume of 30 – 100 ml is needed for the measuring dish.

Our long experience in building Whole Grain Analyzer combined with great experience in calibration development gives an instrument with high accuracy and trustable results.

The high precision of the linear monochromator allows Bruins Instruments to use the same calibration on all our Whole Grain Analyzer. Our patented monochromator system gives reliable measurements over decades.

The intuitive software and a large Touchscreen makes the Analyzer easy to use. The operator just has to select the product and fill the grain into the funnel.

With the Network option data can be transferred directly to every workstation and it is possible to service the instruments anywhere in the world at any time.

For customer specific products Bruins Instruments offers a free of charge calibration service for one year and up to 3 products, if customer supplies spectra and reference data.

## Options

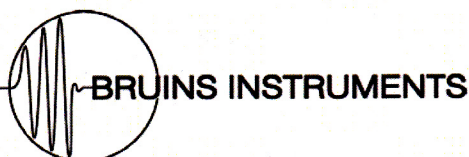
**Test Weight** – This optional accessory automatically determines the specific weight of the grain. The value is automatically added to the report.

## Specifications

Dimensions:	385 X 420 X 385 mm (15.2 X 16.5 X 12.6 in)
Weight:	24 kg (53 lbs)
Voltage:	220-240 V or 100-120 V 50/60 Hz
Power:	45 W
Analysis time:	~ 45 s
Sample size:	~ 650 ml
Analysis principle:	scanning Monochromator; Transmission
Sample Presentation:	automatic feed with multiple sub-sample measurements
Wavelength range:	730 - 1100 nm
Data increment:	0.5 nm
Interfaces:	USB, Ethernet, Centronics
Protection:	dust and humidity protected

## Accessories

Ticket Printer, Barcode reader and a separate keyboard can be delivered together with the Analyzer.



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