



SCIENCE OF SENSING

AN-900

NIRT Grain Tester



NIRT Grain Tester AN-900

EASY APPROACH TO MEASURE PROTEIN, MOISTURE AND AMYLOSE IN RICE.



The AN-900 is capable of measuring moisture content, Protein and Amylose in Short & Long Brown Rice and Milled Rice. Constituents are calculated based on the transmittance of the light. Processing of samples, such as husking and grinding etc., are not necessary with the AN-900.

Measurements are started by simply loading a sample into the sample case. This allows for quick, simple and non-destructive constituent analysis. Compared to the infrared reflectivity measurement method, the Near-Infrared Transmittance method employed by the AN-900 is relatively little affected by the shape or color of the sample and thus excellent measurement characteristics.

FEATURES

NIR Transmission technology.

Same NIR technology used worldwide on the spot testing at elevators or inspection sites.

Broad special range from 720-1100nm.

Multiple constituent analysis with PLS calibration.

No Moving parts.

Unaffected vibration. Independent of orientation.

Rugged, stable and compact outlook.

Multiple temperature compensation system.

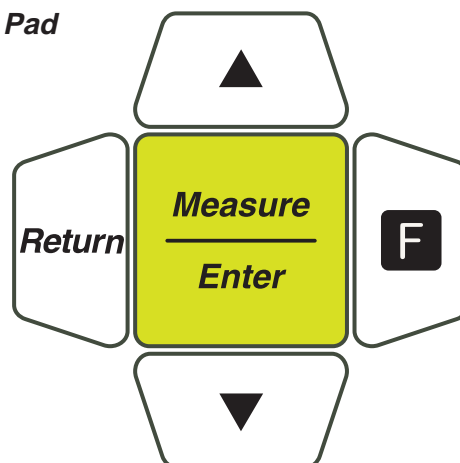
Both AN-900 and sample grain temperature can be compensated automatically to obtain constant and reliable measurement.

Specifications

Measurement Method	Near-Infrared transmittance (720-1100nm)
Applications	Brown Rice(Short & Long) / Milled Rice(Short & Long)
Measured Constituents	Protein / Moisture Content / Amylose
Sample Volume	Approx. 60mL
Measurement range	Brown Rice & Milled Rice Moisture Content 10~20%, Protein 4~12%, Amylose 10~40%
Measurement Time	Approx. 30 seconds
External output	RS-232C interface
Environmental conditions	Temperature : 0~40°C , Humidity : max of 85%RH
Power supply , Power consumption	AC100~120V / 220~240V (50/60Hz) , max 50W
Size and Weight	390(W)x295(D)x186(H) , 9Kg (Shipment 15Kg)
Optional Accessories	Printer VZ-330

*The contents of this catalog are subject to change without notice.

Key Pad



Kett

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