

# AUTOMATIC HARVEST DETERMINER

Model OT300

**Kett**

SCIENCE OF SENSING



**Kett**

*Tomorrow's Testing, Today !*  
*1-800-438-5388*

## Automatic Harvest Determiner

### *The World's First Affordable Harvest Planner!*

This simple-to-use device provides the farmer with the optimal time to harvest by automatically calculating temperature days in the field. Using battery operation, the device will cover a harvest zone encompassing a 2km (1mile) radius.

If harvest is premature, immature grains are likely to be found. Late harvesting will cause grains to be cracked. Either case leads to lower quality. Harvesting at the right time increases crop yields and improves quality. To achieve this, it is very important to judge the right time for harvesting. This judgment has conventionally been made with human eyes by the color of grain and the actual ripeness of the plants. This requires considerable experience, and cannot be done by just anyone. The OT-300 was developed based on the strong demand for easy judgment of correct harvesting time. To determine grain ripeness, each day's temperature needs to be measured after grain is formed. When temperature days are approximately 1000C, ripeness reaches its peak, which is the right time for harvesting.

Once this device is set, it automatically measures temperature and adds them up, displaying the right harvest time. Take full advantage of the OT-300 harvest determiner to let your grain grow fully and maximize your yields for successful farming. This device was developed in conjunction with the NE Federation, NATRC, and several Agricultural Cooperatives, as well as independent rice farmers to assure field-proven use and durability.

#### *Simple Operation*

1. Place the OT300 in the field.
2. Press the Start Button. The temperature is measured and the integrated digital clock begins to operate. The microprocessor automatically calculates temperature days.
3. When the meter indicates optimal harvest time, hit the field!
4. Using multiple units allows for geographic variances to be monitored and harvest schedules adjusted to ensure optimal yields.

#### *Additional Agricultural Testing Devices*

We offer a complete line of testing equipment for agricultural use. We have composition analyzers to measure moisture, fat, protein and other organic components as well as colorimeters to measure product consistency and purity. These devices allow the user to assess both internal and external product characteristics.

If you need to measure grains and other agricultural products, wish to place an order, or, if you require additional guidance on model selection, please call toll-free!

#### *Tomorrow's Testing, Today!*

Kett offers a complete line of innovative measurement devices — for laboratory, field, and commercial applications. If your company needs fast, accurate measurements, please call Kett!

## Specifications

Measurement Method	Thermistor & Clock
Display	Digital LCD Zones - 1-4 Temperature Days Days (to 60)
Power	9V Battery
Measurement Radius	2km (1.2 Miles)
Weight	150g
Dimensions	60Wx45Dx105Hmm (Main) 30x30x1300 (2 posts)
Warranty	Three Year Parts and Labor

#### *Quality*

We stand behind the durability and quality of our entire line of KETT Agricultural Testers. The OT300 offers a full **Three-Year** Manufacturer's warranty. We will repair the product or replace it for three years should it fail to perform to specifications during normal wear and tear.

Kett's dependable quality improves productivity by allowing you to focus on improving your product's quality, not waste time calibrating and verifying our gauges. When your quality is on the line, get on the line to KETT!

# 1-800-GET-KETT

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**Sales, Support, Service**