



## ERROR CODES

The GAC500XT contains a microprocessor to control the grain sample measurements and self-checks to determine the integrity of the internal electronics. If any limit is exceeded or malfunctions occur, an error code will display.

### ERROR 1

**Probable Cause:**

1. The empty cell self check reading is out of limits.

**Corrective Action:**

1. Dump the cell and ensure it is empty.

### ERROR 2

**Probable Cause:**

1. The empty cell weight reading is out of limits.

**Corrective Action:**

1. Dump the cell and ensure it is empty.

### ERROR 6

**Probable Cause:**

1. The moisture reading exceeds the upper limit.

**Corrective Action:**

1. Choose a product within the moisture range and try again.

### ERROR 7

**Probable Cause:**

1. The moisture reading exceeds the lower limit.

**Corrective Action:**

1. Choose a product within the moisture range and try again.

### ERROR 8

**Probable Cause:**

1. The empty cell ambient temperature has exceeded its limit.

**Corrective Action:**

1. Allow the GAC500XT to reach normal operating temperature.



## **ERROR 9**

### **Probable Cause:**

1. The sample temperature exceeds its limit.

### **Corrective Action:**

1. Allow the sample to either cool down or warm up, then try again.

## **ERROR 10**

### **Probable Cause:**

1. The difference in temperature between empty cell ambient and full cell condition exceeds its limits.

### **Corrective Action:**

1. Change the appropriate conditions and try again.

## **ERROR 20**

### **Probable Cause:**

1. The unit has detected a software error.

### **Corrective Action:**

1. Contact DICKEY-john Service Department.

## **ERROR 21**

### **Probable Cause:**

1. The measurement cell exceeded low limit.

### **Corrective Action:**

1. Repeat test. If error recurs, contact DICKEY-john Service Department.



## **ERROR 22**

### **Probable Cause:**

1. The measurement cell exceeded high limit.

### **Corrective Action:**

1. Repeat test. If error recurs, contact DICKEY-john Service Department.

## **ERROR 23**

### **Probable Cause:**

1. The measurement cell weight is too low.

### **Corrective Action:**

1. Increase the sample size and repeat the test.

## **ERROR 24**

### **Probable Cause:**

1. The measurement cell weight is too high.

### **Corrective Action:**

1. Repeat the test. Be sure to follow display instructions, ensuring that excess grain has been swept off the cell top.

## **ERROR 25**

### **Probable Cause:**

1. Error was encountered measuring weight.

### **Corrective Action:**

1. Contact DICKEY-john Service Department.

## **ERROR 26**

### **Probable Cause:**

1. VF error is encountered.

### **Corrective Action:**

1. Contact DICKEY-john Service Department.

## **ERROR 27 - 32**

### **Probable Cause:**

1. D1/D2 error is encountered.

### **Corrective Action:**

1. Contact DICKEY-john Service Department.



## **ERROR 33**

### **Probable Cause:**

1. Cell count error is encountered.

### **Corrective Action:**

1. Contact DICKEY-john Service Department.

## **ERROR 34**

### **Probable Cause:**

1. Grain calibration constants entry error.

### **Corrective Action:**

1. Verify and re-enter correct constants.

## **ERROR 35**

### **Probable Cause:**

1. Grain calibration constants entry error.

### **Corrective Action:**

1. Verify and re-enter correct constants.

## **ERROR 36**

### **Probable Cause:**

1. Weight lower than average sample weight tolerance.

### **Corrective Action:**

1. Increase the sample size and repeat the test.

## **ERROR 37**

### **Probable Cause:**

1. Weight higher than average sample weight tolerance.

### **Corrective Action:**

1. Repeat the test. Be sure to follow display instructions, ensuring that excess grain has been swept off cell top.

## **ERROR 39**

### **Probable Cause:**

1. GAC500XT input voltage low.

### **Corrective Action:**

1. Power supply or mobile adapter may be loose or damaged. Verify connection. If problem persists, replace.



## **ERROR 40**

### **Probable Cause:**

1. GAC500XT input voltage is high.

### **Corrective Action:**

1. Replace the power supply or mobile adapter.

## **ERROR 41**

### **Probable Cause:**

1. Display voltage is too low.

### **Corrective Action:**

1. Contact DICKEY-john Service Department.

## **ERROR 42**

### **Probable Cause:**

1. Display voltage is too high.

### **Corrective Action:**

1. Contact DICKEY-john Service Department.

## **ERROR 43**

### **Probable Cause:**

1. Positive cell voltage is too low.

### **Corrective Action:**

1. Contact DICKEY-john Service Department.

## **ERROR 44**

### **Probable Cause:**

1. Positive cell voltage is too high.

### **Corrective Action:**

1. Contact DICKEY-john Service Department.

## **ERROR 45**

### **Probable Cause:**

1. Negative cell voltage is too low.

### **Corrective Action:**

1. Contact DICKEY-john Service Department.



## **ERROR 46**

### **Probable Cause:**

1. Negative cell voltage is too high.

### **Corrective Action:**

1. Contact DICKY-john Service Department.

## **REPLACEMENT PARTS**

Mobile Power Adapter 467950190

Wall Power Adapter 467950150