



Home Food Preservation

# Dial Gauge Inspection and Accuracy Form

This form can be used with a master gauge testing unit, not for use with maximum thermometers. Dial gauges should be checked for accuracy and overall condition every year prior to the beginning of canning season. If you use your dial gauge canner throughout the year, check it at the same time every year. In addition, it is a good practice to check the condition of the gasket and safety plug at this time.

Date: \_\_\_\_\_

## Condition of Gauge

Results:

- ☐ Good
- ☐ Rusty
- ☐ Broken, cracked
- ☐ Interior moisture
- ☐ Cover too scratched to read

**Comments on condition:**

## Accuracy of Dial Gauge

Results:

When MASTER reads 5 psi, YOUR GAUGE reads \_\_\_\_\_ psi (pounds per square inch)

When MASTER reads 11 psi, YOUR GAUGE reads \_\_\_\_\_ psi

When MASTER reads 15 psi, YOUR GAUGE reads \_\_\_\_\_ psi

## Recommendations

If your gauge reads high or low by two (2) psi or less you may use it with the following compensation (check one):

☐ If your gauge reads up to two (2) psi higher than the master gauge, you must add that amount of difference to the required pressure to avoid under-processing. For example, if the MASTER gauge reads 11 psi and your gauge reads 12 psi (1 psi higher than the master gauge), process at 12 psi when the instructions say 11 psi, or 13 psi when the instructions say 12 psi, or 7 psi when the instructions say 6 psi, etc.

☐ If your gauge reads up to two (2) psi lower than the master gauge, you may subtract the same amount it differs from the required pressure. (In this case, you may also use the pressure stated in the instructions for added safety. For example, if the MASTER gauge reads 11 psi and your gauge reads 10 psi (1 psi lower than the master gauge), you may process at 10 psi when the instructions say 11 psi, or 11 psi when the instructions say 12 psi, or 5 psi when the instructions say 6 psi, etc.

These recommendations are adapted from National Center for Home Food Preservation, <https://nchfp.uga.edu/>