

Dial Gauge Inspection and Accuracy

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 year, check it at the same time every year.

DATE: _____

CONDITION OF GAUGE:

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

Comments: _____

ACCURACY OF DIAL GAUGE:

Results:

When MASTER reads 5 psi, YOUR GAUGE reads _____ psi. (*psi = pounds per square inch*)

When MASTER reads 11 psi, YOUR GAUGE reads _____ psi.

When MASTER reads 15 psi, YOUR GAUGE reads _____ psi.

RECOMMENDATION:*

- If your gauge reads high or low by **two (2) pounds (psi) or less**, you may use it with the following compensation: (*check one*)
 - If your gauge reads up to two (2) pounds **higher** than the master gauge, you **must add** that amount of difference to the required pressure so you don't underprocess your food.

For example, if the MASTER gauge reads 11 psi and your gauge reads 12 psi (1 pound 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) pounds **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 pound 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.
- If your gauge reads high or low by **more than two (2) pounds**, replace.

*These recommendations for adjustment are based on information provided by National Presto Industries, 2002, in instructions for Presto Testing Unit 81288.