

# Pit Depth Gage Pit Depth Measurement

# PD-3000 Series



**PD-3003, PD-3004 &  
PD-3005  
Pit Depth Gage**



**PD-3003 PD-3005 PD-3004**



**Inspects Pit Depths**

## HOW TO ORDER

Select the PD-3000 gage model, based on the type of indicator required.

The PD-3000 Series of gages inspects the depth of surface pitting. Each model of the PD-3000 gage includes the gage base, an indicator with .001" resolution, and a standard TPD  $\frac{3}{8}$ " long contact point with a .020" end radius. This sharp point contact is capable of reaching deep into surface pits and cracks. The gage can measure depths up to .450" deep with the standard TPD contact point.

Before measurement, it is important to zero the gage indicator while resting the gage on a flat surface. Placing the gage's contact point into the defect provides an actual measurement reading of the surface pitting. The PD-3000 gage is supplied with a .001" resolution indicator.

The gage also accepts other types and sizes of contact points for use in other applications, such as groove and thread depth inspection.

## Features

- Inspects pit depths of surface pitting.
- Uses a .020" radius contact point for measuring surface defects.
- Measures depths up to .450" deep.
- Supplied with a .001" resolution indicator.
- Requires zeroing on a flat surface before inspection.
- Accepts other types and sizes of contact points for inspecting groove and thread depths.

## PD-3000 Series Pit Depth Gages

Model	Description
PD-3003	Pit Depth Gage, Indicator AGD #1, 0-50, .001" resolution
PD-3004	Pit Depth Gage, Indicator AGD #2, 0-100, .001" resolution
PD-3005	Pit Depth Gage with flat base, Indicator AGD #2, 0-100, .001" resolution

## PD-3000 Pit Depth Gage Optional Equipment

Model	Description
PD-3000B	Pit Depth Gage Base
TPD	PD-3003, PD3004 Pit Depth Gage Contact Point, .020" radius

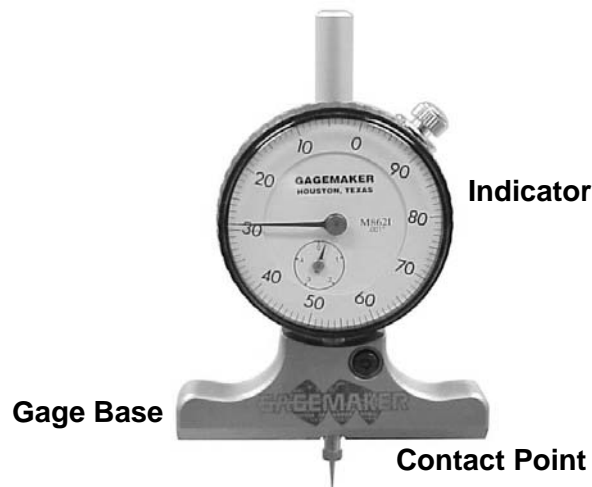
## Specifications

Model	Dimensions	Weights
All models	3 in X .875 in X 4.6 in (76.2 mm X 22 mm X 116 mm)	1.0 lb. (.5 kg)



## Description

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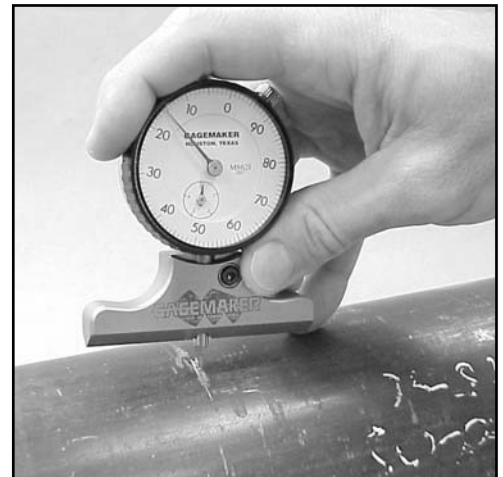


## Operating Procedure

1. To zero the indicator, place the gage on a flat surface. Turn the indicator dial on the gage to align the needle with zero and tighten the indicator clamp.
2. Place the contact point into the defect or crack to obtain an actual measurement reading of the surface pitting.
3. Record the measurement on an inspection report.

## Care and Maintenance

- Keep all unprotected metal surfaces coated with light oil.
- Avoid dropping the gage or subjecting it to any vibration or impact.
- Keep the gage dry and away from any machine coolant spray.
- Keep the indicator face clean.



## Technical Support

**Phone:** 713-472-7360

**Hours:** Monday – Friday 8AM – 5PM (CST)



Prices subject to change without notice.  
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