

# TARAY INTERNATIONAL D-250 DETECTOR

A completely new design engineered to detect nail holes, broken steel belts, and zippers in steel belted radial passenger tires, light truck, and truck tires.



1112 N. Collier Boulevard, Marco Island, FL 33937  
(239) 394-6099 - Toll Free: (800) 526-0049 - Fax: (239) 394-5388  
<http://www.taray.com>



## » OPERATING INSTRUCTIONS

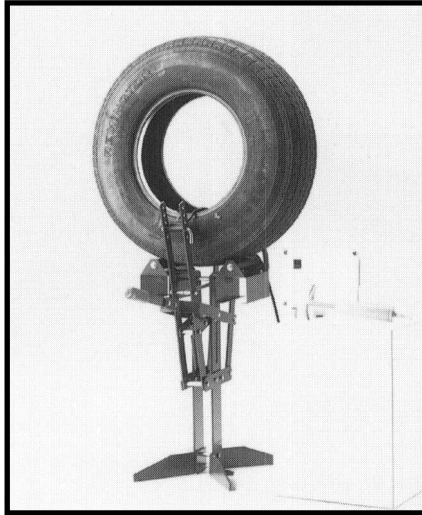
- 1.) Mount the Taray D-250 detector on a wall within 5-feet of inspection unit. The Inspection unit must be grounded using grounding wire supplied with the unit.  
***Make sure the cables do NOT interfere with the normal traffic flow of the shop.***
- 2.) Place tire to be inspected on the inspection unit, spreading the beads.  
***Tire must be completely dry and free of all water. Care should be taken to remove all foreign matter from the inner liner before operating the Taray D-250 detector.***
- 3.) Position the on/off switch located on the wall unit to the 'ON' position.  
***Do NOT step on the foot switch at this point!***
- 4.) Holding the insulated handle of the detector probe, place the T-probe over the inner liner of the tire. Begin rotating the tire. Push down on the foot switch to activate the probe. The detector wand should physically touch the surface of the inner liner of the tire for proper arc detection.
- 5.) A dull electrical glow and humming noise will emanate from the T-probe if a flaw is not present. If a flaw IS present, a brighter glow, converging on the flaw, as well as a high pitched humming noise will be present.  
***Operating in a brightly lit environment is NOT recommended.***
- 6.) Mark all injuries with a tire marking crayon. Remove the tire from the inspector unit.  
***Remove foot from foot switch before hanging the T-probe on the wall unit.***
- 7.) When not in use, the wall unit must be switched off for safety.

All D-250 detectors are designed to operate on 110v. 220v units are available upon special request.

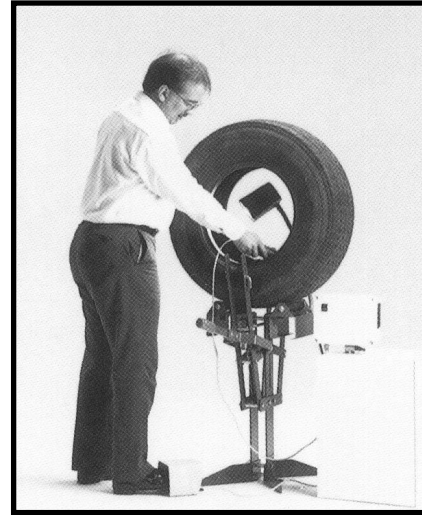
***This instrument incorporates isolated output, thereby conforming to recognized safety standards. Protection is provided so that the main voltage cannot be conducted through the T-probe electrode of the unit.***



## » OPERATING INSTRUCTIONS



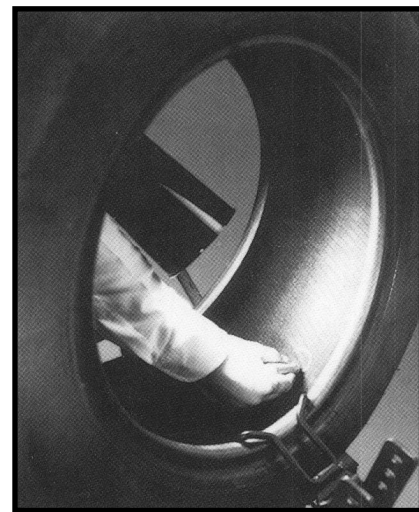
Place tire on inspection unit. Spreading the beads.



Push foot pedal down. Insert T-probe into tire. Rotate tire.



T-probe follows inner circumference of the tire; touching the surface of the innerliner. Sparks detected.



Mark injury to be repaired with tire marker. Dismount tire from inspector.



Call (800) 526-0049 for sales, service & parts

**Maintenance:** Keep probe clean by wiping down with a dry cloth. When not in use. Keep entire unit away from all moisture. Keep all cables out of traffic areas. Should the unit fail to operate, call Taray International for service.



### SPECIFICATIONS

Input voltage	120 VAC
Output voltage	111,300 pulsed DC voltage
Amperage	45 microamperes
Frequency	140 Hz.
Fuse	2A, 250V
Weight	13 lbs.

## LIMITED WARRANTY

This warranty is made in lieu of any and all warranties, either express or implied. This detector D-250 is warranted to be free from defects in material or workmanship. We will replace at no charge, based upon our sole analysis, any parts or units which upon inspection by us is found to contain defective workmanship or defective materials within six (6) months of the original purchase date. We have made no affirmations of fact nor have we made any promises relating to the detector D-250 being sold that has become the basis of our bargain. Furthermore, we have made no affirmation of fact or promise relating to the detector D-250 being sold that has created or which amounts to an express warranty that the goods will conform to any other affirmation or promise contained outside this agreement. Any description of the detector D-250 contained in this agreement is for the sole purpose of identifying the detector D-250 and has not been made part of the bargain to purchase, nor has it created or amounted to any express warranty. We make no warranty of merchantability with respect to this detector D-250 being sold. We make no warranty as to fitness for any particular purpose whatsoever with respect to this detector D-250 being sold, other than to state that this product is manufactured for the use in detecting tire defects. Since we have no control over the conditions or circumstances under which this product is used, we will assume no liability for any incidental or consequential damages to any person or property which may result from the use of this detector D-250. Accordingly, there are no warranties, express or implied, which extend beyond the face of this limited warranty. "This detector D-250 is sold as is and with all faults other than expressly stated in this limited warranty.

**\* IMPORTANT: This unit is sealed and should only be opened by the manufacturer. This warranty is void if any of the seals on the wall mounted unit are broken.**