



# Exceptional Test Devices For Athletic, Recreation and Play Surfaces.



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1097 West River Rd.  
Cambridge Ontario, Canada N1R 5S5  
Tel: (416) 410-7506 Fax: (519) 267-3802

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## CPA Depth Gauge Family



Analog Depth Gauge



9in Depth Gauge

### Test Depth and Thickness of Surfaces at 2" (50mm)

Measuring the depth of infill and sometimes the full depth of a synthetic turf systems is critical to its performance and maintenance of the system. CPA has developed 3 variations of depth gauges to meet all needs and budgets. Details of measuring depth of infill can be found in the White Paper on Turf Playing Surface Testing at [www.playgroundadvisory.com](http://www.playgroundadvisory.com)

The Large Depth gauges standing at 36" with three 6" long penetrating prongs to allow both infill and system depth measurement. The Analog Depth Gauge is the robust device that is for regular use by contractors and turf managers. The Digital Depth Gauge is for those prepared to take care to avoid damage to the digital component. Measurements are metric and standard.

The 9", 3 prong gauge has a maximum penetration of 2" and is ideal for the measurement of infill depth and synthetic running track depths.

Analog Depth Gauge: Price: \$1,125.00

9in Depth Gauge: Price: \$385.00

## CPA Depth Gauge Carrying Case



Analog Carry Case

The 36" depth gauges ship in construction cardboard tube that can be used for storage, but this may not be robust for regular use. The alternative is a carrying case specifically made to enclose the digital and analog depth gauges. These are made of rigid ABS pipe and hold the penetrating prongs within the gauge and keeps them from being damaged in transit.

Analog Carry Case: Price: \$145.00

Prices are in US dollars.  
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## CPA Manual Drop Devices



**Manual Drop With Laser Device  
For TRIAXTouch**

Price: \$335.00



**GfactorGO Laser Drop Device**

Price: \$325.00

Many surface impact attenuation standards and good maintenance practices allow for a single drop from a specified height. Instructions at xxx explain how this is used for playgrounds and rugby fields. The user can "eyeball" the drop height when they are standing atop a ladder, only to perform the drop again if the height was too low. The drop handle for the TRIAXTouch or the GfactorGO with the laser measuring device confirms the drop height. This allows for more and faster testing ensuring better maintenance and compliance with Standards.

## Manual Drop With Velocity Device For Triax2010



This unique device allows the operator of the TRIAXTouch to perform manual drop tests and pretesting prior to the formal ASTM F1292 testing being performed.

Price: \$125.00



Manual Drop Device attached to the TRIAX 2015  
Head Form (Not Included)

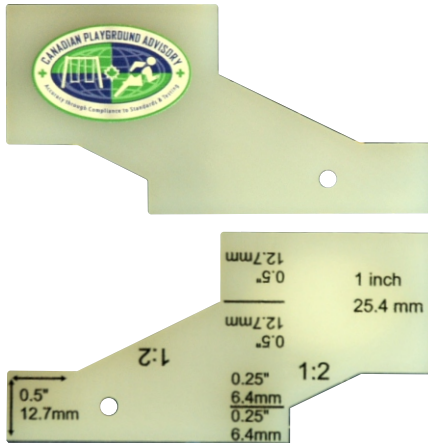
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## CPA Vertical Change In Level Gauge



### Test Accessible Routes for changes of level and compliance to the ADA, CSA B615 & Z614, Annex H

This gauge allows the measurement of the allowable changes in vertical height for accessible routes as required in the ADA 2010 Standards, CSA B651 and Z614, Annex H for built environments as well as playgrounds.

There also is the ability to check for horizontal gaps greater than 1/2" (12.7mm) and carpet pile > 1/2" (12.7mm).

Price: \$18.00

## ISO 24667, ASTM F355, AS4422, En1177 Reference Pad



It is critical the users can "Trust" that results of the testing and Standards are very specific in ensuring "Trust". Within ISO 24667, ASTM F355, AS4422 and En1177 there is the requirement for periodic calibration to ensure that the entire system is absolutely compliant with the relevant Standard, but this can range up to 2 years and it is important that the person performing the testing can assure that the device is accurate, repeatable and reproducible. For this reason every Standard requires the use of a Reference Mat that is stable over a range of operating temperatures and over time. Those people trained in the use of the TRIAX impact devices will have access to the report template from CPA that reports performance of the reference test and that it is within that requirements of the relevant Standard.

The CPA Reference Pad can be used with the Swing Impact Tester, E missile or A missile. The GFactorGO.

Price: \$125.00

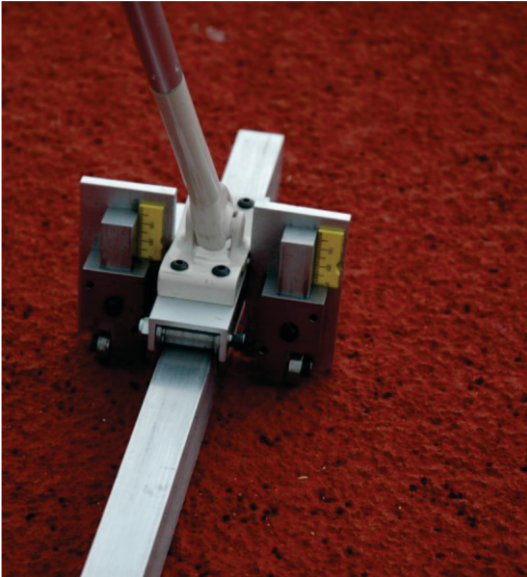
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### Collapsible Straightedges and Calibrated Trolley



Whether you are measuring slopes and widths for Ground Level Accessible Routes for the ADA or the planarity of a Running Track or Sports Field having an accurate and transportable straightedge system will be critical to getting the job done. CPA offers a number of Straightedges the can be combined for various applications.

Sectional straightedge - 3 1 meter (39.4")  
sections for 3 meter (10')

Price: \$920.00

Sectional straightedge -1 1 meter (39.4") and  
1 0.52 meter (20.6") sections to 60" (1524mm)  
Ideal for Accessible Route

Price: \$710.00

Calibrated trolley - 0 to 25mm (0-1")

Price: \$1,195.00

### Cable Support Fixture



For field testing Sports Fields with the ASTM F355E missile, the requirement is for the dropping of the missile in a triangular pattern that is very specific. CPA manufactures a Cable Support Fixture that is mounted to the Triax2015 tripod legs to ensure the triangular pattern is achieved. Details can be found in the White Paper on Turf Playing Surface Testing at [www.playgroundadvisory.com](http://www.playgroundadvisory.com)

Price: \$236.00

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### Double Post Swing Tester



All playground standards around the world require the performance of an impact test for the leading or impacting edge(s) of the swing seat. Alpha-Automation Inc. provides a Triax 4.6kg spherical swing impact tester (purchased separately). This headform will need to be suspended and the Double Post Swing Tester Support provides an easy to assemble system. Once assembled, the system allows for the adjustment of the height of the headform to the swing seat as it is mounted either in the factory or at the playground.

The Support system comes in a transportable Pelican Case that is included in the price.

Price: \$6,010.00

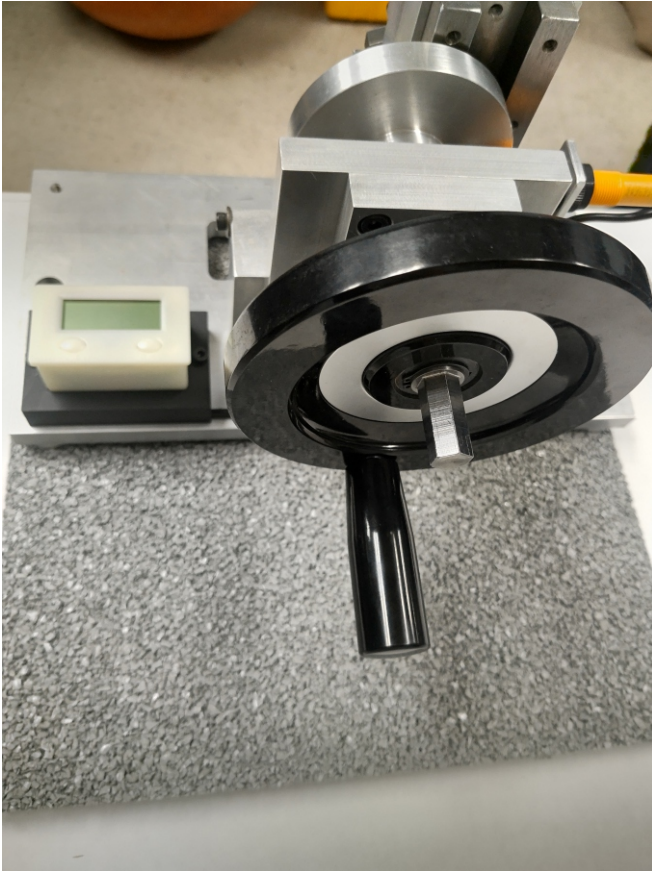
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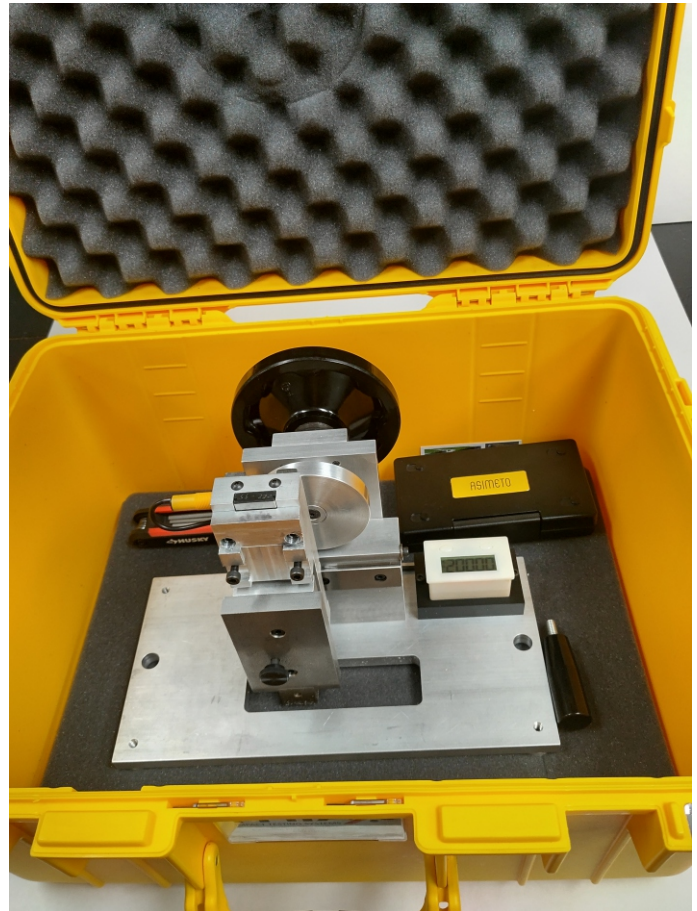
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### Wing Pendulum Tester (WPT)



The WPT Abrader: This abrader is designed to determine if the bond holding rubber granules in place for polyurethane bound Athletic, Play or Recreation surfaces is adequate for functional use. This test is optional in Singapore SS495 as a measure of performance and likely repair or replacement of the surface system. The Support system comes in a transportable Pelican Case that is included in the price.

Price: \$8,155.00



Pelican Case Included

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