



# SmartTool™ with SmartFeet

objectivity, precision, and accuracy...anywhere

## objectivity

Objective slope measurements assist architects, builders, planners, and inspectors in documenting, modifying, and designing accessible indoor and outdoor surfaces. These measurements help determine the relative degree of accessibility for various surfaces and provide individuals with access information at specific locations.

## SmartTool™ Level

The **SmartTool™** displays objective and detailed slope measurements in degrees, percent slope, and pitch to 0.1 degree of resolution and accuracy. Extremely durable, this tool keeps its accuracy for years via push button calibration. Using a standard 9-volt battery, the SmartTool™ features audio at both level and plumb.

## SmartFeet

SmartFeet are precision machined feet added to both ends of the 24-inch (60-cm) SmartTool™ Level to prevent teetering and imbalances on uneven surfaces. Teetering can cause significant measurement errors and is common on all types of surfaces. The position of the feet can be moved to the end of the SmartTool™ to measure a grade or cross-slope over a distance of up to 24 inches. One of the two feet also provides a wider base to reduce tipping in the lateral direction.



## three points of contact

The number of points of contact on a level is crucial for balance. Two points of contact will cause tipping. Four points of contact will cause teetering unless placed on a level surface. In contrast, SmartFeet provide three points of contact in order to prevent teetering from side to side.

## accuracy and reliability

Typical levels can provide inaccurate readings on uneven surfaces. SmartFeet enable the measurement of a grade or cross-slope averaged over the length of the SmartTool™ on any surface. This distance represents the stance that a typical person—with or without the use of adaptive equipment—would experience when walking or rolling on a path of travel.

## any surface

Just about any surface can be measured using the SmartTool™ with SmartFeet. Perfect for accessibility surveys, this tool provides measurements for the ADA Built Environment, Public Right-of-Way, Sidewalks, Outdoor Recreation Access Routes, and Outdoor Recreation Trails with high accuracy and ease.

## assess better

A perfect and necessary tool for any assessment, the SmartTool™ with SmartFeet can be used along with the Universal Trail Assessment Process (UTAP) as well as the Public Right-of-Way Assessment Process (PROWAP). Please take time to visit us online at [www.beneficialdesigns.com](http://www.beneficialdesigns.com) for additional information regarding UTAP, PROWAP, as well as our other automated and streamlined trail and outdoor recreation area assessment products and services.

## who can operate?

Just about anyone! The SmartTool™ with SmartFeet is lightweight, simple, and easy to read and use.

## smart and safe

The SmartStrap allows for easy lifting without repetitive bending over, saving time and preventing back injury.

## SmartKit

- SmartTool™ with SmartFeet
- User manual
- Sidewalk data recording forms
- 9-volt battery
- SmartStrap

## is assembly required?

No! The SmartTool™ with SmartFeet arrives pre-assembled and ready for calibration and use.

## warranty

Each SmartKit comes with a 90-day parts and labor warranty. The level must be calibrated before use.

## product specs

weight 2.0 lb  
width 24.125 in  
height 3.375 in  
depth 2.5 in

## cost

The SmartKit is \$170.00 plus shipping. One pair of SmartFeet is \$75.00. Price breaks are available.

## purchase

Order today at:  
[www.beneficialdesigns.com](http://www.beneficialdesigns.com)  
Or reach us at: 775 783 8822



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