WinEx GRADE™

ROCTEK INTERNATIONAL

WinEx GRADE provides an estimator with best possible excavation and grading takeoff software available . Since 1985, Roctek has taken the ideas and advice from thousands of users to enhance our takeoff products and keep them on the cutting edge of takeoff technology.

WinEx GRADE™ was designed with a single purpose in mind, to give estimators the accuracy required to be confident in the bids they produce.

•Line Tracker™ with Dynamic Zoombox

Capture contours quickly and accurately with no hesitation at direction changes or elevation callouts. Simply Left-click and drag near the line to zoom in to a pixel level as you sweep past all distractions.

•Professional Analytics with one to one Integrated 3-D Models

3-D Models which have a true one to one relationship with your takeoff quantities. Precise control and review of your entire takeoff with Roctek's high density Cell and Grid Method.

Advanced 3-D Visualization

Quickly and easily spot check your takeoff with the 3-D Visualization Model. Fly over or dive under for a full 360 view anywhere on your takeoff.

- Vector Direct™ enables Vector PDF and CAD imports which can drastically reduce takeoff time

- Supports DWG, DXF, PDF, GIF, TIF, JPG, BMP and many more!

- Define Strata Layers and enter Core samples for the most accuracte accounting of your cut and fill

Fully Integrated Vector PDF and CAD Import

Strata Cut & Fill Breakdown

Cross Sections with Strata Layers at any point

3-D Strata Cut Maps

Subgrade Materials Library and Mapping

True 3-D Surface Models

Advanced 3-D "Fly-over" Visualization

Custom Formula Generator

Site and Region Stripping

Site and Region Balancing

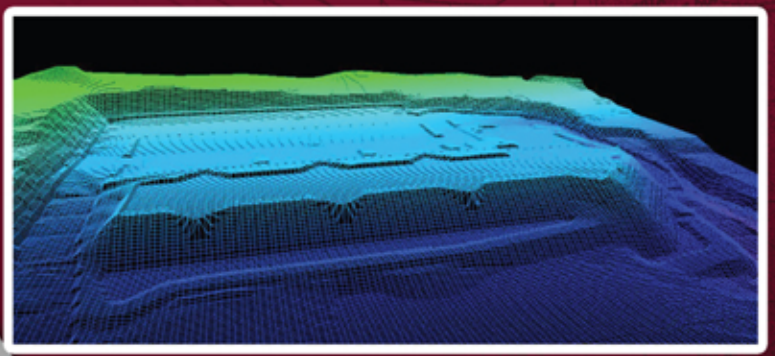
On-site Trenching

Site and Region Cut-Swell and Fill-Shrink Percentages

On-Screen or Digitizer or both

Overlapping Report Regions

Unlimited Alternate plans



See It In Action - Call Today

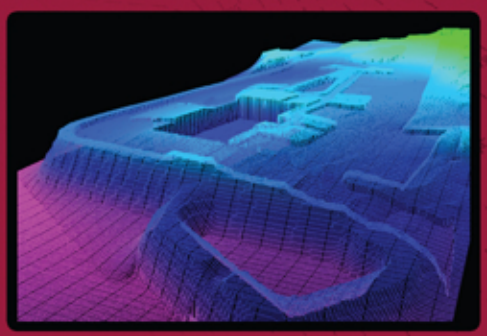
800-826-7763

ROCTEK

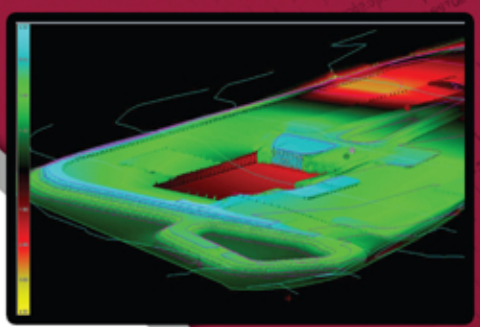
INTERNATIONAL

www.roctek.com

WinEx GRADE™



3-D Elevation Shading



Cut and Fill Imaging

Elevation Callouts at ANY Point

Professional Reports

Built-in Routines

Measure Routines	Description
Topo Lines	The Topo Lines feature is designed for entering contours from the plans. You may enter existing or proposed (final) contours.
Lone Spots and Connected Spots	Input Lone Spot elevations or Connected Spots which consist of Lone Spots with a calculated gradient between any two points.
Flat Pad	The Flat Pad input allows you to specify any area as being at a fixed elevation. This is useful for building pads and other areas, particularly when these areas are adjacent to one another.
Elevation Check	View the Existing or Final elevation of any point on your takeoff in either the 2-D or 3-D Modes.
Enter Core Sample	Input vertical or angled Core samples of any depth directly from the engineers notes to accurately determine where and how much cut of different strata layers you will encounter on your job.
Trench	The Trench function is used to quickly and accurately calculate the amount of excavation and materials needed to lay pipe, footings, or other items that require a trench. You can either create a trench template, select a predefined template, or modify a predefined template. Choose a predefined template from the Trench Name pull-down, or enter a name for a new trench. Then, modify any of the parameters to match your trench layout: hinge height, slope, bench width, bottom width and more.
Vertical Wall	The Wall feature is designed for entering shear elevation changes from the plans, such as cliffs or retaining walls.
Unchanged Region	The Unchanged Region feature is designed for specifying areas to remain undisturbed on the site.
Work Region	The Work Region feature is designed to allow the user to identify unique characteristics for any area on the site. In addition, individual cut/fill and area calculations are available for any work region defined.
L A C S	The Length, Area, Count and Separate Lengths allow the user to do simple measurements or act as the base for complex custom formulas.
Cross Section Slice	The View Cross-Section speed button generates a two-point cross-section anywhere on site. This is a fast method of viewing sections; simply touch the left and then the right edge of the cross-section to view. If Strata layers have been defined then view which strata you are cutting in to.
Strata Map	The View Strata Map button will display a multicolored map depicting which Strata Layer the Proposed (Final) Layer cuts.
2-D and 3-D Elevation Shading	The View Elevation Shading button will display a multicolored shaded map using different shades to represent elevations on the existing or proposed surface
Custom Formulas	This feature allows you to calculate more complex quantities than simple lengths, areas or counts. The formula feature is designed to allow you to apply an equation to a basic measurement and generate numerous answers based upon user entered variables
Alternate Plan	This feature allows you to use multiple drawings as a second plan. Automatically scales and reorients your takeoff from plan to plan