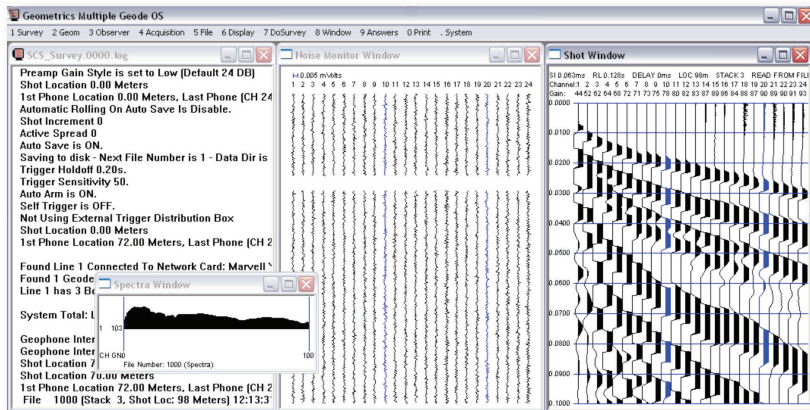


# SCS Operating Software For StrataVisor NZ, Geode, SmartSeis ST, & ES-3000 Seismographs



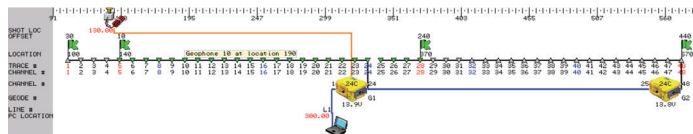
- |  |   |
|--|---|
| 1 Arm/Disarm                             | 1 |
| 2 Clear Memory                           | 2 |
| 3 Shot Location 0.00 Meters              | 3 |
| 4 Maximize Noise Monitor Window          | 4 |
| 5 Maximize Shot Window                   | 5 |
| 6 Auto Scale Traces                      | 6 |
| 7 Save 1001.DAT                          | 7 |
| 8 Print Shot Record                      | 8 |
| 0 Restore All Windows But Hidden Windows | 0 |
| - Freeze Channels                        |   |

The DoSurvey menu centralizes the main survey functions with shortcuts for quick access.

The Seismodule Controller Software (SCS) for the StrataVisor NZ, Geode, SmartSeis ST, and ES-3000 seismographs provides a flexible solution for your survey needs. Whether you are doing simple refraction or reflection, or specialized acquisition, like marine surveying, sub-bottom profiling, or monitoring, SCS can be tailored to your needs.

The basic SCS package supports standard surveys. Optional functionality can be added instantly for specialized surveys. The program has a logical, intuitive menu structure that guides you through set-up. During production the key survey operations can be reached through one menu or by pressing pre-programmed hot keys.

SCS updates are free for life and the software is supported by Geometrics, now in its 48th year of prompt and knowledgeable customer support. For pricing and a demonstration version, please contact the factory or download the trial version at [www.geometrics.com](http://www.geometrics.com).



The Geometry Toolbar interactively updates source location, preamp gains, and roll of the active spread.

## FEATURES & BENEFITS

- **View shot, line noise, and survey parameters simultaneously** - Provides better data quality and fewer missed shots.
- **Graphical depiction of survey line** - Helps manage your crew and avoid geometry errors.
- **Flexible display parameters** - Quickly optimize data to find subtle events.
- **Sure-save storage technology** - Leaves data secure and unaltered.
- **Optional software packages** - Available for specialized applications and hardware settings:
  - Customized features for reflection, VSP, and tomography.
  - Marine acquisition: near trace gathers, tape support, GPS integration.
  - Vibrator and pseudo-random source acquisition.
  - Event-based triggering for earthquake, blast, and vibration measurements.
  - Continuous recording.
  - Real-time spectral analysis.
- **Free software updates and support** - special pricing for multiple licenses.

# SPECIFICATIONS | SCS Operating Software for StrataVisor NZ, Geode, SmartSeis ST, & ES-3000

	<b>Basic Functions and Features</b>	<b>ES/STOS</b>	<b>SGOS</b>	<b>NZ/MGOS</b>
1.	Log, Noise (real-time waterfall trace display), and Shot Window	Std	Std	Std
2.	Spectra Window	Opt	Opt	Std
3.	Graphical Geometry Toolbar	Std	Std	Std
4.	Channel Remapping	Std	Std	Std
5.	Channel Roll-along	–	Opt	Std
6.	Stacking	Std	Std	Std
7.	Acquisition and Display Filters	Std	Std	Std
8.	Preamp Gain Pair of 24 and 36 dB	Std	Std	Std
9.	SEG-2, SEG-Y, SEG-D File Formats	SEG-2 only	SEG-2 Std, SEG-Y and SEG-D Opt	Std
10.	Basic Geophone and Line Testing	–	Std	Std
11.	Repeater Compatibility	–	Opt	Std
12.	In-field Refraction Data Analysis Software	Std	Std	Std
13.	Reflection Data Processing Software • WinSeis Lite or Turbo from the Kansas Geological Survey (KGS)	Opt	Std (Lite)	Std (Turbo)
14.	Surface Wave Data Analysis Software • SeisImager/SW from OYO or SurfSeis from the KGS	Opt	Opt	Opt
	<b>Specialized Packages</b>	<b>ES/STOS</b>	<b>SGOS</b>	<b>NZ/MGOS</b>
15.	Vibrator Source Acquisition • correlation	–	Opt	Std
16.	Pseudo-Random Source Acquisition • correlation, QC correlation, diversity stack, spiking	–	Opt	Opt
17.	Event Monitoring (Self-Triggering) for earthquake, vibration, and blast measurements	Opt	Opt	Opt
18.	Continuous Recording for gapless recording over a given period (hours, days, months)	Opt	Opt	Opt
19.	Marine Acquisition • tape drive support, hard drive switching, serial I/O, RMS noise monitor, trigger monitor, multiple real-time single trace gather windows	–	–	Opt
20.	Sub-bottom Profiling • tape drive support, hard drive switching, serial I/O, RMS noise monitor, trigger monitor, navigation window, multiple real-time single trace gather windows with specialized display settings	–	Opt	Opt
	<b>Specialized Hardware</b>	<b>ES/STOS</b>	<b>SGOS</b>	<b>NZ/MGOS</b>
21.	Other Preamp Gains of 0 dB or 12 and 24 dB pair	–	Opt	Opt
22.	Low-end Bandwidth Modification from 1.75 to 0.6 Hz	–	Opt	Opt
23.	Built-in Analog System Testing	–	Opt	Opt
24.	Extended Channel Memory of 16K Samples	Opt	Std	Std
25.	Extended Channel Memory of 64K Samples	Opt	Opt	Opt
Std = Standard item, Opt = Optional item, (–) = Not available. SCS runs under Windows XP, 7, 8 and newer.				

Specifications subject to change without notice. SCS\_v1 (0117)



**GEOMETRICS**  
Innovation • Experience • Results

**GEOMETRICS INC.** 2190 Fortune Drive, San Jose, California 95131, USA  
Tel: 408-954-0522 • Fax: 408-954-0902 • Email: sales@geometrics.com

**GEOMETRICS EUROPE** 20 Eden Way, Pages Industrial Park, Leighton Buzzard LU7 4TZ, UK  
Tel: 44-1525-383438 • Fax: 44-1525-382200 • Email: chris@georentals.co.uk

**GEOMETRICS CHINA** Laurel Geophysical Instruments Limited  
8F. Building 1, Damei Plaza, 7 Qingnian Road, Chaoyang District, Beijing, 100025 China  
Tel: +86-10-85850099 • Fax: +86-10-85850991 • laurel@laurelgeophysics.com.cn