

CG-6 Autograv™ Quick Start Guide

Unpacking the Instrument

IMPORTANT: Unpack the CG-6 Autograv™ and report any evidence of physical damage immediately to Scintrex Limited. The CG-6 Autograv™ shipping case is equipped with a shock watch monitor. This monitor is affixed to the side of the shipping box. If this vial is red upon receiving the instrument it should also be reported to Scintrex Limited immediately.

For a complete and detailed explanation of how to operate the CG-6 Autograv™, please consult the CG-6 Autograv™ Product Manual enclosed on a memory stick with this product.

Operating the CG-6 Autograv™ for the first time

When starting up the CG-6 Autograv™ for the first time follow the procedures and observe the waiting periods summarized below:

Set Up:

1) Connect the CG-6 Autograv™ to the wall outlet via the charger.

The CG-6 Autograv™ can be powered either by the external power supply or by one or both of the two internal Smart Batteries supplied with the CG-6 Autograv™. The external power supply will power the unit and simultaneously charge the batteries if they are properly inserted in place. When the batteries are fully charged, the external power supply continues to power the CG-6 Autograv™ such that the batteries maintain their full charge. The batteries are charged simultaneously and take approximately 4 hours each to charge. The batteries can also be charged in the external battery charger.

2) Insert batteries in their respective sockets.

3) Location: Select a quiet location away from heavy machinery and traffic, preferably indoors, on the ground floor level having a stable, level and solid or concrete foundation.

4) Place the tripod directly on the concrete floor so that it is standing on its pointed feet. (refer to the bubble level in the tripod frame).

6) Position the CG-6 Autograv™ on the tripod so that the hardened conical vee surfaces on the base of the CG-6 Autograv™ fit onto the spherical ends of the tripod foot screws. The weight of the CG-6 Autograv™ firmly "locks" it onto the tripod, while the kinematic design allows it to be freely leveled.

7) Adjust the Level of the CG-6 Autograv™ on the tripod visually by using first the left and then the right foot screws.

Warm-up and stabilization period:

After powering up the CG-6 Autograv™ it takes 24 hours for the sensor to reach its operating temperature, i.e for the CG-6 Autograv™ to stabilize. During this time you can initialize the instrument and prepare it for checking and adjusting the drift correction.

Setup:

See Chapter 3 of the CG-6 Autograv™ Operations Manual (p/n 115370001) for full details.

Field operations:

See Chapter 4 of the CG-6 Autograv™ Operations Manual (p/n 115370001) for full details.

Transferring data:

Data can be retrieved via the USB cable. See Chapter 4 of the the CG-6 Autograv™ Operations Manual (p/n 115370001) for full details.