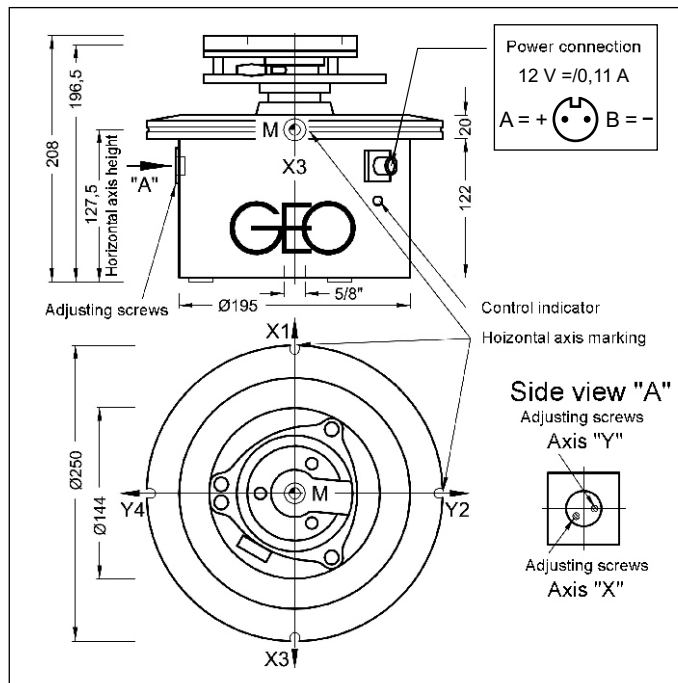


Auto-Level Tribrach





Function

The Auto-Level Tribach is used for automatic leveling of laser and surveying instruments, especially total stations. It can naturally also be used for automatic leveling of other devices with weights up to 10 kg. The leveling range is ± 12 gon. Leveling is continuous with an accuracy of 10 mgon. All components including the servomotors, adjustment units, inclinometers and measuring and control electronics are integrated into a dust and waterproof housing.

Assembly

The Auto-Level Tribach is fastened to a stand or platform with a central retaining screw $5/8"$. Orientation of the horizontal axes is possible via notch markings. The theodolite or total station is placed in the tripod positively centered and locked in position.

Power Supply

Connect the AD-12 to a 12 V rechargeable battery (EB-12) or power pack (NE-12/2) with a connection cable.

Control Indicator

The operating statuses are indicated by an LED under the connection box.

Possibilities:

blinking green light
steady green light
steady amber light

faulty levelling
in operation inadequate
power supply

Adjustment

The level can be set with the adjusting screws located behind a cover screw at the side of the Auto-Level Tribach.

Maintenance

The Auto-Level Tribach requires no special maintenance. It should, however, be protected from strong dirt.

Technical Specifications

Levelling range in 2 axes: to ± 12 gon
Levelling range in 1 axis: to ± 18 gon
Levelling accuracy: ± 10 mgon
Positive centring: Wild system
Power supply: 11 - 16 V DC/0.11 A
Carrying capacity: to 10 kg
Weight: 6.3 kg
Guarantee: 24 months