

Traverse Controller

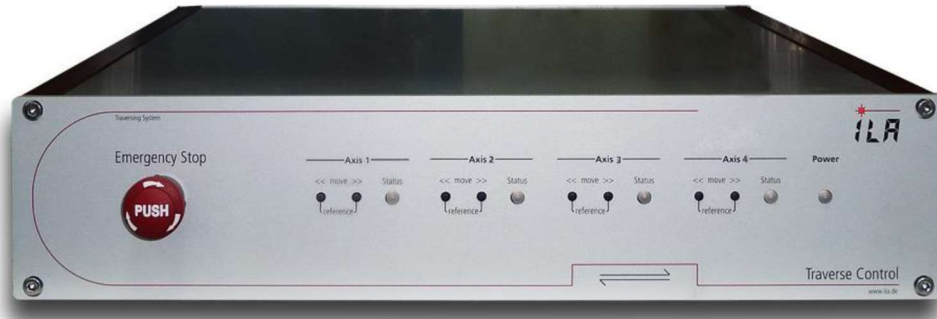


Fig 1: Traverse Controller

Overview

The ILA R&D Traverse Controller has been constantly improved. There are several enhancements including a modern communication interface, more axes per controller and a new built from scratch inner hardware in a new face-lifted case.

The Traverse Controller actuates up to four axes of high precision DC motors with various available encoders. Its design is foreseen with an easily accessible emergency stop button in case that the traversing path is interrupted. Furthermore, on the front side, there are signal LEDs for the status of each axis and the controller itself. In addition the device is controllable from the front side buttons to quickly move each axis during setup without a PC. The connection to the PC is made via standard Ethernet, so the controller can be integrated in common TCP/IP networks. The Traverse Controller also comes with a software module that can be executed in a slave mode. This allows other programs like LabView to control the traversing system.

Specifications

Traverse Controller

Dimensions	330 x 370 x 83 mm (*)
Weight	4 kg
Controllable axis per controller	Up to 4
Motor types	DC
Communication	Ethernet Connection

(*) Traverse Controller also available for 19" rack

Accessories

- Standalone traversing software *TAG (Traverse Auto Grid)* for fully automatized traversing from a connected PC