

Raytrack 30

Lowcost highspeed closedloop scanner



The Raytrack 30 scanner was specially developed for a wide range of semiprofessional lasershow applications. Its high speed, large scan angle and good overall-performance makes the Raytrack 30 the ideal scanner for high performance beamshows and complex graphic displays. The new developed driver includes a microprocessor controlled scanner failure detection system (safety). This makes it more easy to meet the laser safety regulations, when installing the system for public lasershows.

Technical data

- Closedloop moving magnet scanner
- optical feedback system for high accuracy
- 60 degrees max. scan angle (optically)
- up to 30Kpps scanspeed at 8° ILDA-Testpattern
- dielectric coated highpower mirrors $R > 95\%$
- mirror size 5 x 10 mm
- compact dual channel driverboard
- driverboard size 100mm x 80mm x 50mm (w x d x h)
- scanner failure detection system included
- 3 channel safetyshutdown by optocouplers
- overload protection
- status LEDs
- size adjustment for each axis
- all input signals at one connector
- recommended powersupply +/-24V, 2A
- ambient temperature max. 40°C

Set includes 2 galvos with mirrors mounted, X/Y-galvomount, galvocables 50cm, dual driver with safety, connectorcables for input and safety..

Option: Suitable powersupplies on request.