



Comet Laser Systems are uniquely compact and powerful, state-of-the-art entertainment devices. Equipped with High-Speed Scanners, they deliver extreme performance at professional level.

Laser

- * diode pumped semiconductor laser
- * automatic laser diode TEC thermoregulation

Scanning system

- * scanning system x,y speed up to 80.000pps
- * drawing area 80° for both axes

Controller

- * ILDA standard laser controller

Safety protections

- * driver scanner's protection
- * safety key
- * emergency Stop button
- * AC voltage drop-out protection

Features

- * thermal stabilization
- * inverted axis projection
- * maximal beam brightness settings
- * hermetically separated sectors of laser (clean closed sector, air cooled sector)
- * active warming up time 45 sec.
- * beam direction and alignment setting
- * low weight

Maintenance

- * easy maintenance
- * low power consumption
- * temperature stable in extremely conditions

Applications

- * discotheques and clubs
- * theaters and concerts
- * techno parties
- * presentations
- * opening ceremonies
- * weddings and birthday parties
- * advertising

Wavelength

- * G: 532nm R:639nm B:460nm Y:577nm
- and other on request

Output power

- * 1W up to 30W

Internal Electronic System

- * power supply 230V/50Hz or 110V/50Hz on request
- * regulated current supply with current limiter

Cooling

- * air cooling by electric fans
- * Peltier cooling and heating

Optical elements

- * antireflect surface of collimator lenses decrease the power losses
- * focusing the collimator
- * external optical collimator for excellent divergence and better beam visibility
- * brightness potentiometer

