

# ASTROSCAN

## Beyond your wildest imagination

Astroscan is the extraordinary combination of the legendary Golden Scan and an ingenious (patented) head, rotating and oscillating as programmed at the variable speeds and inclinations desired.

Its 10 luminous beams produce a staggering quantity of effects obtained with Iris - Stop - Strobe - Dimmer - 4 rotating indexable gobo - 8-Colour wheel - HMI 1200 lamp - Hot restrike, which make this innovative projector a supporting instrument for the lighting designer's professional creativity.

ASTROSCAN  
HMI 1200





## ASTROSCAN: TECHNICAL SPECIFICATIONS

### POWER SUPPLIES AVAILABLE

- 200-208V 50Hz
- 220-240V 50Hz
- 260V 50Hz
- 200-208V 60Hz
- 200-220V 60Hz

### LAMP

Metal halide supplied with special built-in power supply unit.

- Type HMI 1200W/GS.
  - Base SFC 15,5-6.
  - Colour temperature 6,000 K.
  - Luminous flux 110,000 lm.
  - Average life 750 h.
- Hot restrike.
- Lamp hour meter.

### INPUT POWER

- 1500 VA at 230V 50Hz (Standard Power Factor Correction 140µF).

### MOTORS

N. 9 micro-stepper motors, fully micro-processor controlled.

### OPTICAL GROUP

- Die-cast aluminium base.
- Twin lens condenser.
- Spherical reflector with a high luminous efficiency.

### LENS

- Standard: 1:3.3/300 mm (9°).
- Optional: 1:2.5/250 mm (11°).

### CHANNELS

N. 9 + 4 control channels.

CONTROL CHANNELS	
Channel 1	Iris
Channel 2	Colour Disc
Channel 3	Lamp Control
Channel 4	Dimmer/Stopper/Strobe
Channel 5	PAN Position
Channel 6	TILT Position
Channel 7	Gobo Select
Channel 8	Gobo Rotation
Channel 9	Mirror Rotation
Channel 10	PAN Oscillator Frequency
Channel 11	PAN Oscillator Amplitude
Channel 12	TILT Oscillator Frequency
Channel 13	TILT Oscillator Amplitude

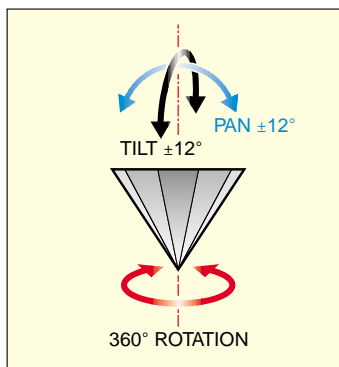
*Note: channels 10-11-12-13 are selectable by option switch.*

### INPUTS

- DMX 512.
- RS 232/423 (PMX).

### ROTATING MIRROR HEAD

- Fastening point for safety rope.
- High luminous efficiency mirror.
- Moved by 3 stepper motors, micro-processor controlled.
- Reflection angles:
  - PAN =  $\pm 12^\circ$
  - TILT =  $\pm 12^\circ$
- Speed:
  - PAN = 0.75 sec. (24°)
  - TILT = 0.75 sec. (24°)
  - Minimum Rotation speed: 1 revolution in 45 minutes
  - Maximum Rotation speed: 85 rpm
- Resolution:
  - PAN =  $\pm 0,09^\circ$
  - TILT =  $\pm 0,09^\circ$



### INTERCHANGEABILITY OF THE MIRROR HEAD

Astroscan is preset for the scanner conversion by replacing the rotating mirror with the moving mirror for Goldenscan (C21061).

### SAFETY STANDARDS

- The product comply with EC Directives on: Low Voltage 73/23; Electromagnetic compatibility 89/336.

### COOLING

Forced ventilation with axial fans.

### BODY

- Die-cast and extruded aluminium.
- Epoxy powder coated.
- 4 lateral transport handles.
- Support in steel painted with epoxy powders.

### WORKING POSITION

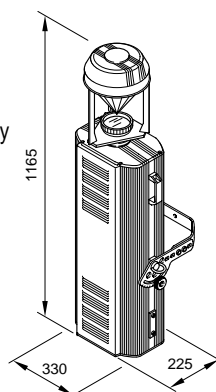
- Operation in any position.

### WEIGHTS AND DIMENSIONS

- Astroscan with mirror head: 39.1 kg.



PATENT PENDING



### Codes and Accessories

- C 11250 Astroscan with rotating mirror head
- C 21029 Static vertical floor stand.
- C 21030 Adjustable vertical floor stand.
- C 21031 Ceiling mounting support.
- L10030 HMI 1200 GS Osram lamp.

PRELIMINARY VERSION