

**ELECTRICAL/MECHANICAL SPECIFICATION****Power supply****MINISCAN**

- 220 - 240V 50Hz
- 200V 50Hz - 230V 60Hz
- 200V 60Hz

**MINISCAN 300**

Metal iodide type with special built-in power supply unit.

- Type HMD 300W
  - Cap SFC 10-4
  - Colour temperature 5000 K
  - Luminous flux 18000 lm
  - Average life 3000 h
- Type HTI 300W
  - Cap SFC 10-4
  - Colour temperature 6500 K
  - Luminous flux 22000 lm
  - Average life 750 h

**MINISCAN 150**

Metal iodide type with special built-in power supply unit.

- Type HTI 150W
  - Cap GY 9.5
  - Colour temperature 6900 K
  - Luminous flux 9500 lm
  - Average life 750 h

**Power consumption**

- MINISCAN 300: 800VA at 220V 50Hz
- MINISCAN 150: 500VA at 230V 50Hz

**Motors**

N. 4 microstepping motors with full micro-processor control.

**OPTICAL SYSTEM****Optical unit**

Main optical unit in diecast aluminium, incorporating twin lens condenser and a reflector of high luminous efficiency.

**Lens units**

- Standard: 1:2,5/165 mm (9").
- Optional: 1:2,2/100 mm (15"20').

**MIRROR HEAD**

Mirror of ultra high luminous efficiency.

**Movement**

- Produced by two controlled microstepping motors.
  - Infinitely variable speed of rotation; maximum values:
    - horizontal (PAN) = 0.4 sec (150°)
    - vertical (TILT) = 0.3 sec (110°)
  - Continuous and uniform movement.
- Resolution:
- PAN = ±0.3° (150°)
  - TILT = ±0.2° (110°)

**CONTROL SYSTEMS****Channels**

N. 4 control channels.

**Inputs**

The MINISCAN is set up to accept analog or digital signals from controllers or computers.

- Digital serial input: RS232/423(PMX) or DMX 512
- Analog input 0-10V

**GENERAL CHARACTERISTICS****Safety devices**

- Power supply shuts off automatically in the event of overheating or cooling system failure.
- Power shuts off automatically when cover is opened (MINISCAN 300 only).

**Cooling**

Forced ventilation cooling system using axial flow fans.

**Housing**

- Extruded die-cast aluminium.
- Epoxy powder coated finish.

**Mounting**

- Steel bracket with epoxy powder coated finish.
- Two installation positions, 50 mm (2") apart.
- Bracket adjustable through 110°.

**Operating position**

Will function in any position.

**Weights and dimensions**

- MINISCAN 300: 10.5 kg (23 lbs 2 ozs)
- MINISCAN 150: 8.5 kg (18 lbs 11 ozs)

