

## **TECHNICAL DATA SHEET CLAYPAKY MYTHOS**

### **POWER SUPPLIES**

AC power input Neutrik PowerCON TRUE1 (IP65)  
115/230V 50/60 Hz  
Automatic power supply switching

### **INPUT POWER**

700VA at 230V 50Hz

### **LIGHT SOURCE**

470W discharge lamp  
- Type: New MSD Platinum 20RB  
- Life: 1,500hrs  
- Luminous flux: 23,000 lm  
- Cap by faston Tyco 187 (4,8 mm)

### **OPTICS**

160mm diam. front lens  
Electronic focusing for a perfectly sharp light beam along its entire length  
Zoom ranging from 4° to 31° for fixed gobos sharp focusing  
Zoom range from 6.7° to 50° for rotating gobos sharp focusing  
BEAM mode with 2.5° aperture and “pipe” effect

### **COLOR SYSTEM**

CMY color system based on 3 gradually fading color wheels  
15 color filters on three wheels  
2 CTO filters (3,200K and 2,500K) + 1 CTB filter

### **EFFECTS SECTION**

2 gobo wheels:  
- wheel with 6 HQ dichroic, indexable and interchangeable rotating gobos (Ø 25.9mm).  
- interchangeable and variable rotating wheel with 18+1 fixed metal gobos (including 6 beam reducers).  
Selectable Gobo-Shake function  
Advanced Visual Effect Disc (Animation disc)  
2 indexable and interchangeable rotating prisms (8-facet and linear prism)  
Frost unit to soften the beam edge  
High precision 0-100% dimmer  
Mechanical shutter and adjustable speed strobe effect

### **CONTROL AND PROGRAMMING**

30/34 DMX 512 control channels  
DMX protocol signal: USITT DMX 512

Art-Net / RDM

Display: Graphic LCD backlit b/w Display

Pan/Tilt Resolution: 16 bit

Gobo Indexing Resolution: 16 bit

Focus Resolution: 16 bit

Dimmer Resolution: 16 bit

Movement control: vectorial

DMX signal connection: 5 pole XLR input and output

Software upload through DMX input

## **BODY**

Aluminium structure with die-cast plastic cover.

Two side handles for transportation.

Device locking PAN and TILT mechanisms for transportation and maintenance.

## **MOVING BODY**

Angle:

- PAN = 540° - TILT = 244°

Resolution:

- PAN = 2.11° - PAN FINE = 0.008°

- TILT = 0.960° - TILT FINE = 0.004°

Automatic repositioning of PAN and TILT after accidental movement not controlled by control unit.

## **ELECTRONICS**

Long life self-charging buffer battery.

Pre-set macros.

Function reset from control unit

"ENERGY SAVING" function: with the stop or total dimmer effect on, or with all the CMY filters full (black), consumption cut by 50%.

ON/OFF lamp control from the lighting desk.

Function reset from the lighting desk.

"AUTOTEST" function from menu

Electronic monitoring with status error

Cooling system monitoring

DMX level monitoring on all channels

Internal data transmission diagnostics

Firmware Upgrade with no power

Firmware upload from another fixture

## **SAFETY DEVICES**

Bipolar circuit breaker with thermal protection.

Automatic break in power supply in case of overheating or failed operation of cooling system.

Forced ventilation with axial fans.

## **WORKING POSITION**

Working in any position

Hanging system: with fast-lock omega clamps (1/4 turn) on the base

### CE MARKING

In conformity with the European Directives:

- 2014/35/EU - Safety of electrical equipment supplied at low voltage (LVD)
- 2014/30/EU - Electromagnetic Compatibility (EMC)
- 2011/65/EU - Restriction of the use of certain hazardous substances (RoHS)
- 2009/125/EC - EcoDesign requirements for Energy-related Products (ErP)

### WEIGHT

32 kg (70.54 lbs)

