SROD
ROBOTICS

G12000

UV-Curing Systems

- √ Front view + rear view camera
- √ 12×1000W UVA lamp driver unit
- √ Short curing time, high efficiency
- √ DN150~1800



G12000 UV-CURING SYSTEMS



Optional electric lamp stand

Product Introduction

The UV curing lamp power of the G12000 ultraviolet curing equipment source can reach 12000W, and it is suitable for pipe repair with diameters ranging from DN150 to 1800mm.The equipment light chain can switch between different driving powers to adapt to different pipe diameters and repair speeds. Meanwhile, there are various sensors of different specifications on the light frame, which respectively detect the inner lining pipe wall and air temperature, greatly improving the success rate of repair.

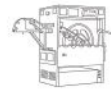
Front view + rear view camera

Short curing time, high efficiency, and no need for excavation

12×1000W UVA lamp driver unit

Automatic + manual, dual insurance control mode

System Components



Main unit, cable reel



Light chain, light stand



UV repair materials

Specifications	
Scope of application	DN150-1800mm
Light curing host	Built-in 12×1000w UV lamp driver unit The driving power of a single bulb is adjustable at 400w/650w/1000w and can be upgraded to a 12x1000w driving unit Two control modes, PLC and manual, are available to prevent curing failure
Uv-cured cable	Built-in 180m UV-cured cable Electric/manual dual winding and unwinding mode The speed of winding and unwinding is 0.05-4m/min
Control unit	Touch control, including a control system and a 10-inch tablet for video recording. Record the actual operating time of each UVA lamp separately to facilitate the management of UVA lamp lifespan and the control of construction quality. Languages such as Chinese, English, German, French and Japanese can be specified; Built-in control and reporting software.
Lamp chain	One set of 2×4×1000w lamp stands, suitable for construction with diameters ranging from DN600 to 1500mm; An optional 2×6×1000w large electric telescopic lamp stand is available, suitable for construction with diameters ranging from DN900 to 1800mm
Lamp stand	A set of 4×3×650w lamp stands, including a full set of lamp feet, can be used for pipeline repair construction with diameters ranging from DN500 to 1200
Power supply requirements	400V / 50Hz /64A
Size	1390×775×1725mm
Weight	About 750kg

Application Show



