

# Curing System

## ■ Main Functions

- UV curing function after fiber coating
- The inlet and outlet of the curing furnace are located at both ends of the curing furnace
- The power of the curing furnace adopts a two-stage design (Low 50%/High 100%)
- Curing oven control mode: On/Standby/Off
- Capable of online detection of optical power
- RF detector detects microwave leakage function
- Fiber channel N<sub>2</sub>/CDA atmosphere, adjustable flow/pressure, airflow direction from top to bottom
- The position of the curing oven can be easily adjusted to align the two ends of the curing oven, as well as the fiber optic inlet and outlet, with the fiber optic channel



## ■ Product Specifications

Indicator	Unit	Index
UV lamp dimensions	cm	25
Maximum lamp power density	W/cm	240
N <sub>2</sub> /CDA gas flow rate	L/Min	20
N <sub>2</sub> /CDA gas pressure	bar	1 ~ 6
Air supply flow requirement	m <sup>3</sup> /min	8.9
Power requirements	/	380V/50Hz
Supply and exhaust air pressure difference range	Pa	2750
Jump point	MW/cm <sup>2</sup>	5
Early warning disconnect delay	S	10
Ambient relative humidity	/	30% ~ 95%
Ambient working temperature	°C	10 ~ 45
Curing furnace power	Kw	46