

**WITH
BOOSTER
OPTION**



Power LIGHT



COMPACT UV-SYSTEM
for curing UV-reactive, polyester
resin impregnated pipe liners

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Power LIGHT

UV-compact system for DN 150 to DN 500

At last a mobile UV-curing system is available in an extremely compact design, which is equipped with all the relevant features for fast and reproducible curing of polyester resin impregnated pipe liners - possessing some unique features:

The dimensions of the light source can be customized to match all diameters of liner and

there is continuous monitoring of the output of the UV-lamp - this results in a service life which has been optimized by using the twin bulb technology.

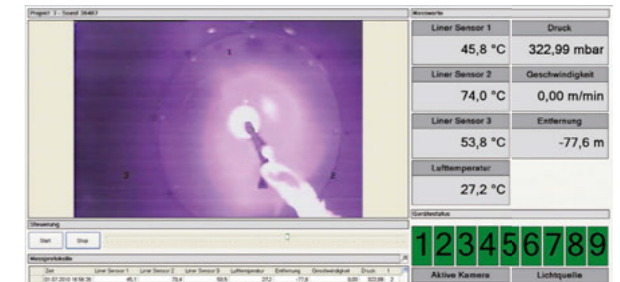
The IR sensors used are flexibly suspended and can be adjusted - depending on the nominal size - to the exact diameter of the pipe and/or liner.

The light sources are equipped with front and back-eye camera for optimal monitoring of the curing process.

Professional control units and an innovative logging technique, which records all relevant curing data including video files, contribute significantly to quality assurance and complete the Power LIGHT system.

UV-logging function

A corresponding recorder and player record all relevant data at one-second intervals, including the correlated data and videos in AVI format. UV doc recording of all relevant curing data, including video files as a curing project.



Light chain with offset arrangement of wheels to avoid casting shadows. Easy to refit for use with ovoid pipes.

UV-curing cameras

Parallel - i.e. simultaneous presentation - of the front and back-eye camera images

including lighting. Front camera with horizontal self-alignment.



Technical data

Curing drum	Regulated, integrated controls / ignition functions / EMERGENCY OFF / trip-switch protected individual circuits / power units for 9 x 400 watt / up to 200 m curing cable - motorized winding/unwinding
Siemens KTP 1200 S7	Visualization of all relevant data such as 3 x IR sensors, air temperature, speed, lamp status / presentation of the front and/or back-eye camera images
UV doc	Industrial PC incl. high-end software
UV-curing camera front	Diameter 24 mm / using Cree-LEDs lighting
Lighting source	9 x 400 watt / wheel sets DN 150 to DN 500
Packer	4 pairs DN 150 to DN 500 / air connections / Venturi nozzles
Spare parts set	400 W lamp / replacement glass LED camera lighting / replacement glass camera optics

System Accessories

This compact UV-system is supplemented with useful accessories that match the application and the UV system.

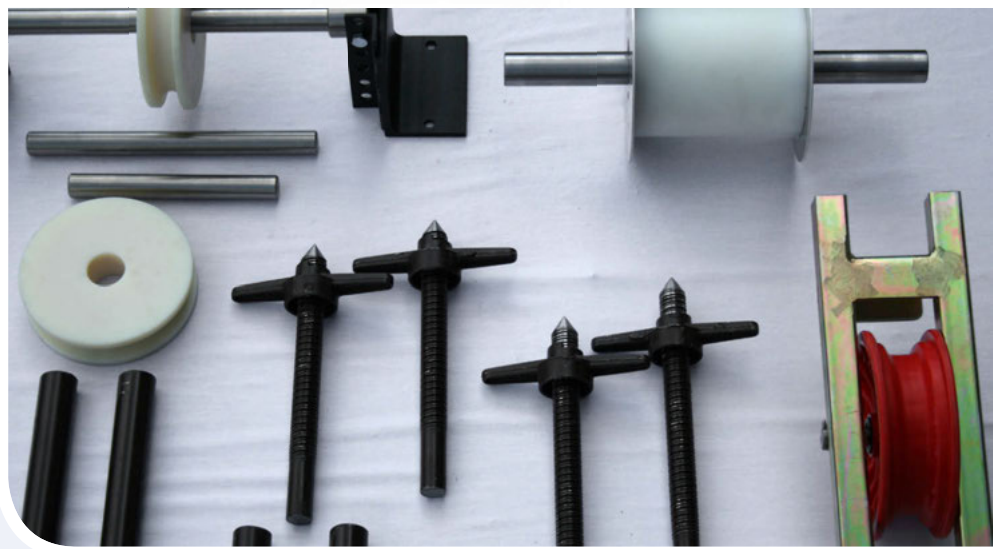


Packers of different diameters are used for the closure of the liner. They are suitable for making all necessary connections and are highly flexible in use, thanks to their construction. The innovative technology used for the covers permits a quick change to be made - the cover is sealed under pressure in the liner.



OPTIONAL:

Return pulleys in various sizes with different axes and/or angles facilitate handling in the manhole and prevent damage to the curing cable.



Further information under
www.ist-web.com

