

BLUETEC® UV Equipment



▲ The vehicles are individually equipped according to customer's specification.

Curing control and visualization / documentation using the software "Reline.Control"

The new BLUETEC® UV equipment relies on the use of the existing patented standard quality and light-curing control by measuring the exothermic light-curing reaction temperature as well as on the online monitoring and documentation of the curing process.

In this process, the most important curing parameters shown online, like inner pressure in the liner, pulling speed of the light source and liner surface temperatures as well as - in order to provide an additional curing control - the covered curing distance in metres and the chosen power level of the BLUETEC® UV lamps are stored in a special curing protocol on the integrated PC.

The new BLUETEC® UV light-curing technology makes possible the use of several capacity stages of 400 W, 600 W and 1000 W with one and the same light source which is a unique innovation. Thus an optimum curing speed depending on diameter and wall thickness as well as best

curing results for the different pipe profiles (circular, egg-shaped, special profiles) can be achieved. Curing speeds of up to 180 metres per hour for the Brandenburger Liner (DN 150) considerably raise the possible daily output.

The new BLUETEC® lamps have been subjected to endurance tests and feature high stability. Compared to the standard UV lamps they provide more power.

▼ BLUETEC® desktop with graphic user interface



▼ Further equipment that can be provided: cable winches, power sets, fully equipped service vehicles



Brandenburger

Brandenburger Liner GmbH & Co. KG
 Taubensuhlstraße 6
 D - 76829 Landau/Pfalz
 Tel. +49 63 41 / 51 04-0
 Fax +49 63 41 / 51 04-155
 info@brandenburger.de

www.brandenburger.de

BLUETEC® UV equipment is the future



BLUETEC 1/2008

www.brandenburger.de

BLUETEC® UV equipment

Brandenburger has considerably improved its own standard UV light-curing equipment again. The BLUETEC® UV equipment will set new standards as an essential component of the Brandenburger cured-in-place Relining System in the future:

A new control system, new high-power UV lamps, new light sources, cable length up to 300 m, even quicker curing speeds, portable or box-mounted versions, individually equipped

vehicles on request.

Liner production, technical assistance and support, UV light-curing equipment, maintenance and service – all services from a single source, that's a strong argument! These factors are crucial for successful sewer rehabilitation measures.



BLUETEC® UVA 1000P Portable

Brandenburger opens new dimensions with its BLUETEC® UVA 1000P equipment: Rehabilitation of pipelines up to DN 1000 with a portable equipment. This makes possible high-quality renovations even of large diameters and in areas which are difficult to access.

Technical specification:

Field of application:

DN 150 – DN 1000
Circular, egg-shaped and special profiles

Fittings:

Light sources
BLUETEC® UV light source
9 x 400 W / 600 W
BLUETEC® UV light source
9 x 1000 W
Portable cable drum
with 150 m of cable
Portable operator panel with curing
control and visualization /
documentation using the software
“Reline.Control”
Packers, deflexion pulleys, tools

BLUETEC® UVA 1000C Comfort

In case of the BLUETEC® UVA 1000C equipment, the different components are firmly mounted onto a vehicle.

This new Brandenburger UV equipment makes possible for the first time the rehabilitation of sewers up to incredible 300 m.

Technical specification:

Field of application:

DN 150 – DN 1000
Circular, egg-shaped and special profiles

Fittings:

Light sources
BLUETEC® UV light source
9 x 400 W / 600 W
BLUETEC® UV light source
9 x 1000 W
Cable drum
with 200 or 300 m of cable
Operator panel with curing control
and visualization / documentation
using the software “Reline.Control”
Packers, deflexion pulleys, tools
Fitting of the container including
interior fittings, operator room,
workroom, recreation room, power
supply

