THE UV REVOLUTION

nUVision

UV inside

A new vision: UV light curing even in extremely long pipelines of up to 1,000 meters - now a reality!

I.S.T.

creating.value

nUVision

With the revolutionary „*nUVision*“ concept for light curing hose liners in drinking-water lines, I.S.T. is launching a patent-protected technology on the market.

Revolutionary technology for drinking-water lines

- Cable length of 1,000 meters
- Complete control of the curing process
- Avoids the need for additional shafts/openings

Front camera with HD imaging

Modules can be plugged together in any combination

Backeye camera with HD imaging

The benefits at a glance:

- Revolutionary ignition technology
- Cable length can be extended up to 1,000 meters
- Simultaneous video recording of front and backeye camera images in HD quality
- No temperature problems with the cable or cable drum
- Reduces control cabinet size by more than half
- Seamlessly adjustable output of up to 2,000 watts per radiator
- Optimal quality control of the curing process at any position in the liner
- Individual modules of the light chain can be plugged together in any combination
- BUS system for ongoing data transmission of all curing parameters

Each individual module (9 total) has its own sensor technology

Bus Technology *inside*

User Interface

Unimagined possibilities!

Our BUS system

- Internal pressure, IR surface measurement of the liner (9 total)
- Ambient air measurement at each radiator
- Operating condition of each individual radiator, power, voltage and system temperature
- Continuous UV intensity measurement at each individual radiator
- Diverse representation of polymerization parameters / diagrams / temperature curves during operation
- Ongoing quality control
- Remote service for repairs or troubleshooting

Further information under
www.ist-web.com

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