PRODUCT DATASHEET

Pharma UV Disinfection and Ozone Destruct Unit

Sanitary UV for pharma water





DETAIL – SANITARY UV CHAMBERS

OVERVIEW

The Tech Inc. Pharma UV Disinfection and Ozone Destruct Unit treats purified water and WFI with ultraviolet light in sanitary stainless chambers. 254 nm units disinfect and destroy residual ozone, and 185 nm units reduce TOC, with intensity sensors and lamp-hour monitoring for each chamber.

MODELS AND CONFIGURATIONS

- **254 nm disinfection** – microbial control.
- **254 nm ozone destruct** – before points of use.
- **185 nm TOC reduction** – low-TOC water.

TYPICAL DESIGN DATA

Flow	0.5 to 50 m^3/h per chamber
Material	SS316L, Ra ≤ 0.6 µm
Monitoring	UV intensity and lamp hours

APPLICATIONS

Purified water and WFI loops, ozone destruct, TOC reduction and post-RO disinfection.

KEY ADVANTAGES

- **Chemical-free** – no residues
- **Monitored** – intensity sensor per chamber
- **Sanitary** – drainable design with tri-clamps

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

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