

ULTRA PURE SYSTEM



Purified & WFI solutions for High Pure Pharmaceutical Industry

STANDARD SCHEMES FOR PURIFIED WATER



Ultra Filtration - Pretreatment

Reverse Osmosis in Stainless Steel Construction

Hot Sanitizable RO – EDI - UV SKID

Standard's Compliance

- USP, JP and PH Eur Standards
- GAMP and CFR 21 Part 11
- ISPE Base Guideline
- IPPC environmental requirement

Applications

- PW Generation and Distribution
- WFI Generation and Distribution
- Clean Steam Generators, MEDs and Vapour Compressions Units
- Distribution Ring Mains and Loop including user point
- Lates manufacturing practices with orbital welds, boroscopy and BPE specifications
- Utility and Wate Water Recycle

OUR QUALITY COMMITMENT

Typical U.S.P Water Standard

Purified Water

- | | |
|------------------------|---------------|
| ▪ PH | 6 . 2 . 7 . 2 |
| ▪ Conductivity @ 250 C | < 0.5 Mils/cm |
| ▪ Bacteria | 100 cfu/mL |
| ▪ Endotoxin | - |
| ▪ TOC | < 500 ppb |

Water For Injection

- | | |
|------------------------|--------------|
| ▪ PH | - |
| ▪ Conductivity @ 250 C | < 1 Mils/cm |
| ▪ Bacteria | 10 cfu/100mL |
| ▪ Endotoxin | 0.25 EU.mL |
| ▪ TOC | < 100 PPB |

