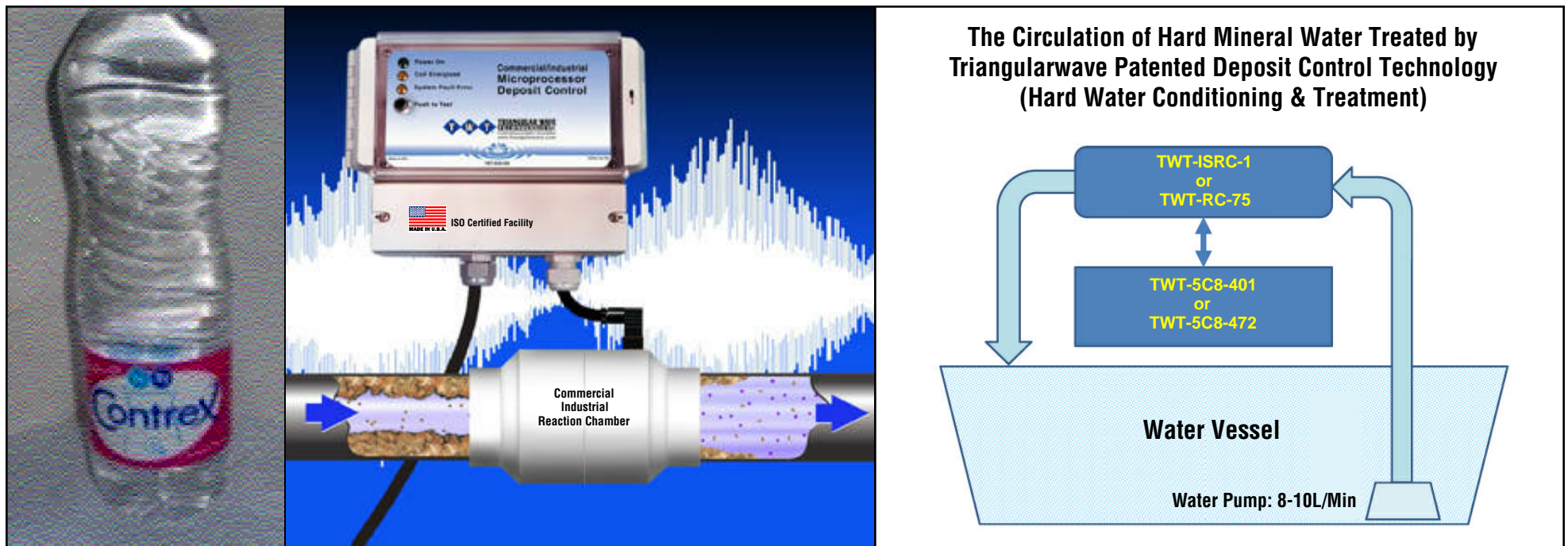


Scale Deposition Tests Using Mineral Water

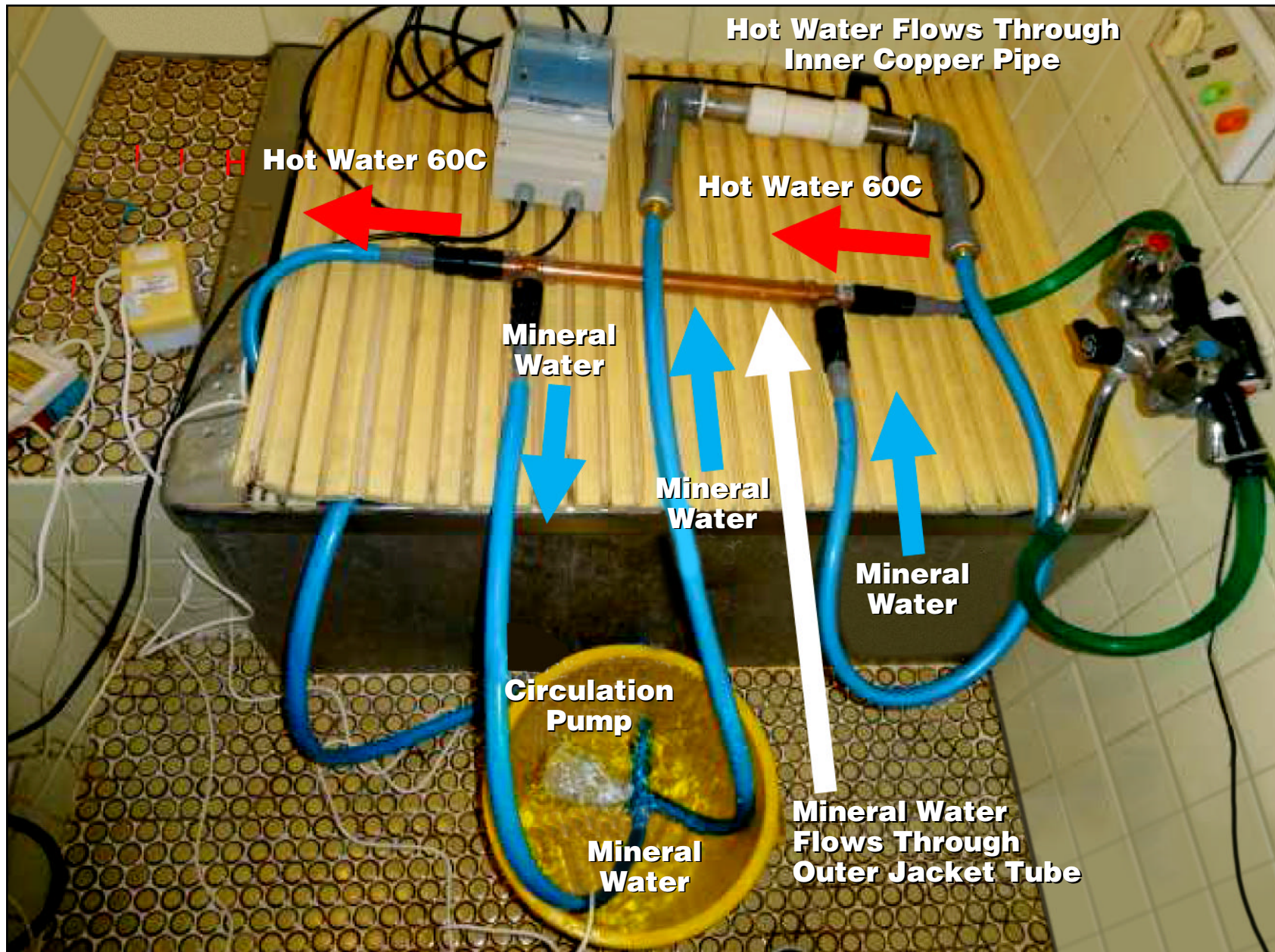
Test fabricated and performed in Japan by Makoto Nagashima Ph.D.

- Contrex Mineral Water (made in France)
- Major Constituent (100 ml)
- Ca=46.8mg, Mg=7.45mg, Na=0.94mg, K=0.28mg
- Hardness 27.3 grains



Tests conclusively demonstrates the ability of TWT[®] deposit control technology (hard water conditioning & treatment) to inhibit scale formation

Overview of Test System: TWT Treatment

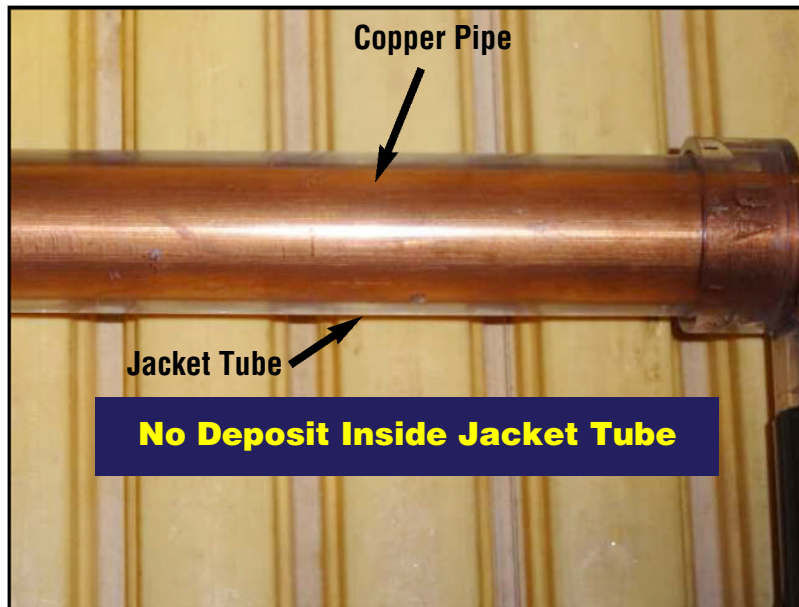


TWT Treatment of Mineral Water

Crystalline Flotage

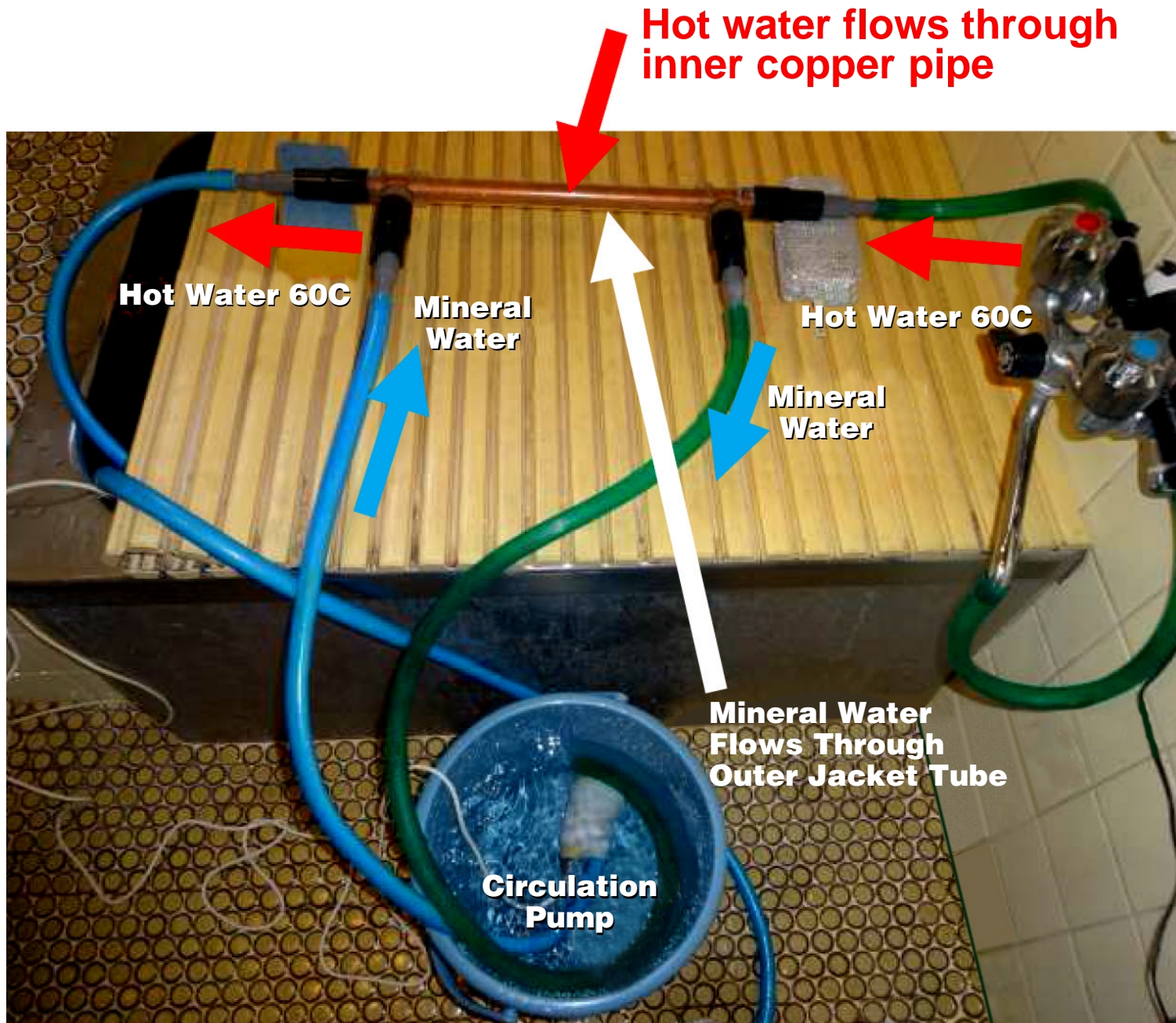


One Hour Treatment



TWT[®] treated and conditioned water, maintained pipe/jacket tube (heat exchanger) free of deposits. Conditioned water with minerals, colloids treated and the calcium converted to CaCO_3 crystals.

Overview of Test System: No Treatment



Circulating Non-Treated Mineral Water

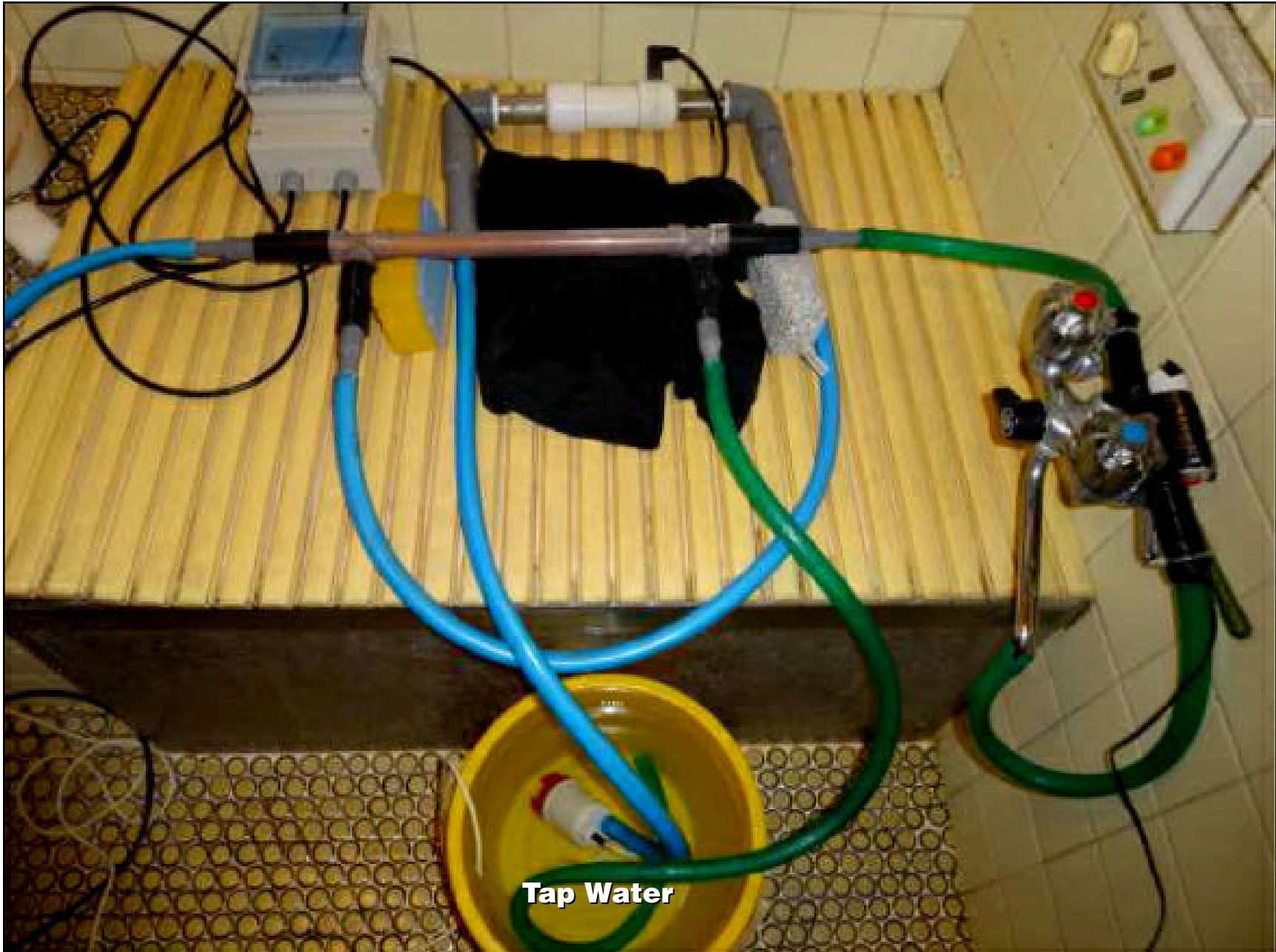
After 2 Hours Run

Clear Water: No Crystalline Flotage



Without TWT® treated and conditioned water, the pipe & jacket tube (heat exchanger) filled with calcium deposits.

Scale Removal Experiment: Additional Test System Set-Up





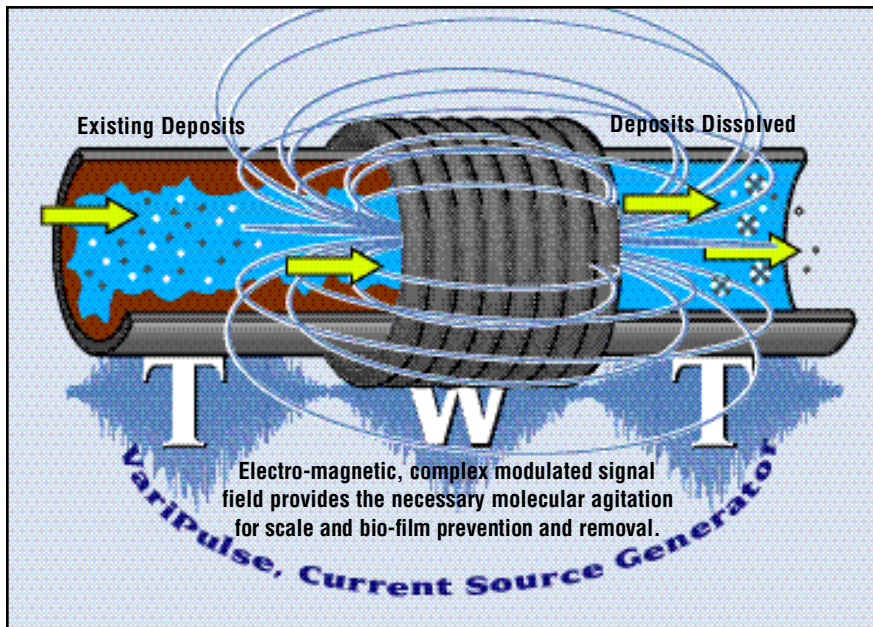
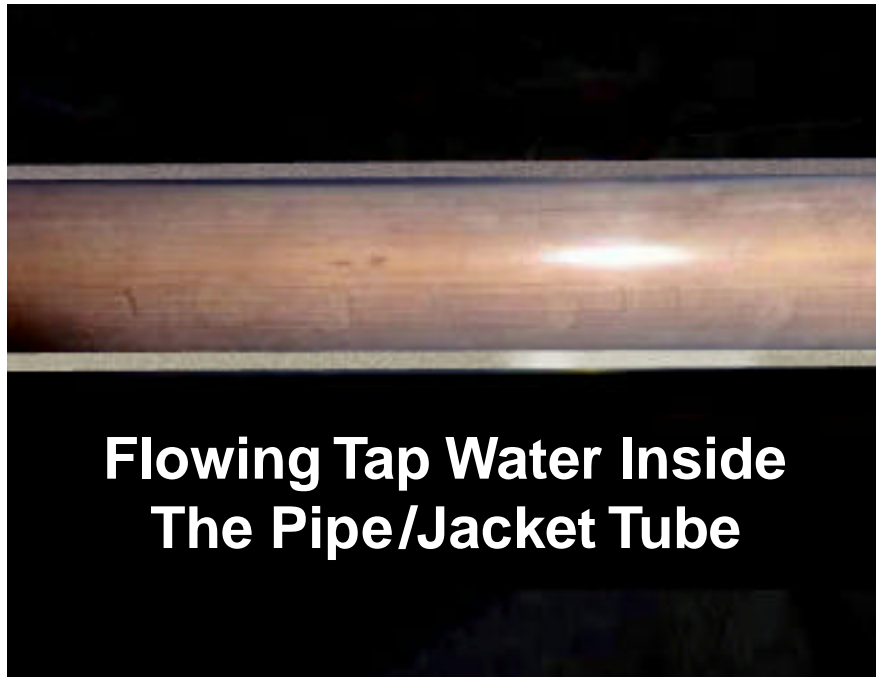
Jacket Tube

Copper Pipe

No Scale Deposition Inside Jacket Tube

Deposited Scale Inside Pipe / Jacket Tube





Removal of Scale by Triangularwave Technologies
Treated & Conditioned Water

Tests conclusively demonstrates the ability
of TWT® deposit control technology
(hard water conditioning & treatment)
to remove scale formation

Triangularwave patented deposit control technology:
(Scale and bio-film prevention & removal)

TWT inhibits & removes scale deposits in pipes,
tubes and heat exchangers