



Health Water Machine

Table-top, chemical free drinking water filtration
system

Unit Overview



The GreenTeck Health Water Machine is a chemical free table top water filtration system for any residential needs. The machine cleans water from any source with a three-stage process: filtration, mineralisation and activation. Using the patented Diamond Flow Cell the water is 99.99% free of any living organism.

Voltage	AC 240v
Rated Current	3A
Mains Frequency	50/60 Hz

Basic data

Worldwide first combination of “clean” and “health” water

Can be connected to the tap water directly

Measurement of different parameters:

Controllable by iPhone App from a PC or manually using the front panel

Measurement and determination of pH and ORP (Oxidation-Reduction Potential) for water quality

Ca-, Mg-, Na, K- remineralisation

Wall fastening resolvable housing

Optionally: Water tank instead of tap water connection



Variations



Components

5 micron sediment filter cartridge

Active carbon cartridge

Reverse osmosis membrane

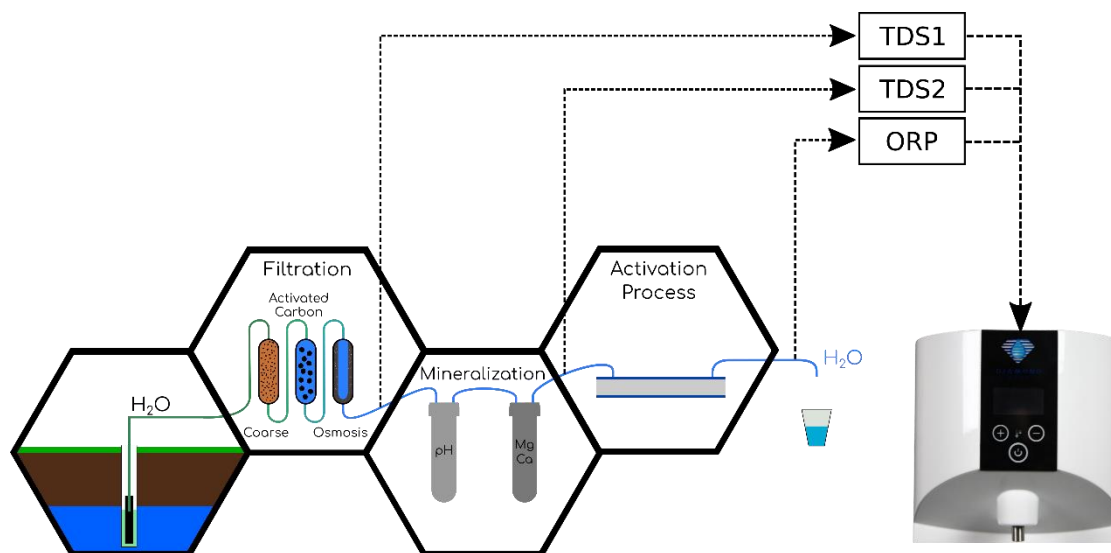
Mineralization cartridge (dosing of liquid)

Electrochemical cell with diamond electrodes (ORP up to -300 mV)

Heating element (up to 85 °C)

Measurement of p, T, flow, pH, ORP, TDS (2 times)

Water quality control





Control of the water quality → values are on the display

- After filtration process → measurement of conductivity (TDS 1) → must be lower 20 ppm
- After mineralization process → measurement of conductivity (TDS 2) → must be 135...145 ppm
- After activation process → measurement of redox (ORP) → must be -210...-215 mV (at 25°C)

Operation

The machine can be operated using either the front panel or our iPhone app.

After connecting the machine to the mains, select the desired water temperature with the (+) and (-) buttons. Press the  button to dispense water. The machine will flush first then it will start dispensing water. When the enough water is dispensed press  again to stop the flow of water.

