

Digital Water Filling Station

Designed to increase maintenance efficiency

Dependable and reliable topping up for Saft Ni-Cd batteries

Saft redesigned its Water Filling Station (WFS) to carry out a safer and more reliable topping up of Saft's Ni-Cd batteries. It allows operators to accurately and easily undertake their batteries' low maintenance program while preserving their battery life.

Key features

- New interface and design
- 120V and 230V charging voltages
- New automatic end-of-refill detection device preventing overfilling
- Large LCD screen displaying status, flowrate and injected volume
- Battery charge indicator
- Easier handling of the cart and improved stability thanks to larger wheels

Benefits

- Fast and reliable refill of your batteries
- Facilitates topping-up operations in the maintenance area with :
 - a 10m hose for longer reach
 - up to 10 hours of autonomous operation
 - up to 7m height between the WFS and the train battery
 - 2m depth operation to reach in maintenance pits
- Reduced maintenance costs
- Improved Life Cycle Cost (LCC)
- Total Cost of Ownership (TCO)

Typical applications

- Designed for Saft Ni-Cd batteries equipped with a centralized filling system
- Railway ranges MRX & MSX (optional on SRM+, SRA, SRM, SMRX, SRX)
- Stationary ranges, when fitted with optional Water Filling Circuit SBLE SBM SBH, SUN+, SPH, KPL/KPM/KPH



Mechanical characteristics

Height (cm)	115
Length (cm)	78
Width (cm)	75
Weigh empty (kg)	52

Operating characteristics

Main Reservoir capacity (l)	60
Return reservoir (l)	5
Charging voltage (V)	120V or 230V - 50/60 Hz
Operation	12V-20Ah lead-acid battery up to 10 hours of runtime
Filling hose length	10 m (~33 ft)
Power cord length	1,5 m (~5 ft)
Operating temperature	+5°C to +35°C / +41 °F to +95 °F

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Simple Interface

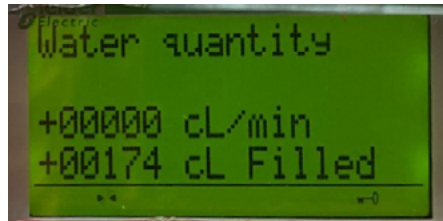
- Power switch
- Lead battery SOC indicator
- Operation switch to launch, pause, stop the cycle
- LCD display
- Draining switch



Interface panel

Packaging & delivery information

- One unit delivered on a wooden pallet, packed in cardboard
- 120 x 80 x 60cm (height depth length)
- Package weight: 60 kg
- Simple assembly & set-up operation
- Package comes with cart, 60l tank, 5l draining tank, battery, hoses, pressure testing kit ⁽¹⁾, CPC connectors, English & French instruction manual, power cord



LCD display



- The station is not designed to work with Ni-Cd batteries equipped with a flip top vent. Contact Saft for information on the appropriate station for such cells

⁽¹⁾The pressure testing kit consists of one manometer, one manual pump and the connecting components.

Description / Item	Part Number 120V version	Part Number 230V version
Digital WFS + pressure testing kit	222 100	222 099
Additional Pressure testing Kit		222 048
Adaptor Connector kit CPC/Whalther		222 052