

Do's

Wear correct PPE at all times

Carry out pre use checks (seals, hoses, sensors, battery)

Ensure the battery has sufficient charge for length of operation

Ensure hydrant valve is closed before installation

2 recommended configurations of the meter are;
1) Horizontal on a standpipe (M-Node)
2) In between two hose lengths (NephNet and M-Node)

Secure standpipe, flowmeter, hose, and valve at outlet of meter

Open hydrant valve slowly, ensure all air is exhausted.

Open hydrant valve fully.

Use the outlet valve to control flow and pressure. Acceptable pressure range is greater than 0.3 bar and less than 3.3 bar.

Monitor flow, pressure, turbidity, and volume

Record test data as required

Depressurise fully before dismantling

Clean, dry, and correctly store equipment after use

Don'ts

Don't disconnect or rotate the meter while pressurised

Don't use if seals, hoses, or fittings are damaged

Don't open the hydrant valve quickly

Don't close the outlet valve quickly

Don't exceed pressure on the meter of 3.3 bar

Don't use the hydrant key to control flow rate

Don't dismantle until fully depressurised

Don't discharge water unsafely

Don't leave equipment wet or dirty in storage

Don't have the meter sideways on the ground

