



TEQ-W-BCP – Basic Water CheckPack

Water testing backpack for rapid deployment



The Basic Water CheckPack is a compact, fully equipped water testing backpack designed for use in the field. Operating independently of an external power supply, the CheckPack enables reliable microbiological and physicochemical analyses to be carried out directly on site, including key parameters such as E. coli, turbidity, pH and residual chlorine. The analysis is based on easy-to-use methods such as microbiological presence/absence tests and visual color comparisons. This makes the CheckPack particularly suitable for trained laypeople, medical staff and emergency services. With integrated sampling, analysis, documentation and safe disposal, it offers a robust and ready-to-use complete solution.

Purpose	Water quality assessment in disaster situations
Form	High quality emergency response backpack
Material	Truck tarpaulin, original CORDURA® fabric and 3M™ Scotchlite™ reflective strips
Dimensions (L x W x H)	470 x 390 x 300 mm (L x W x H)
Weight	9 kg
Selected priority parameters	Visual presence/absence: Fecal bacteria incl. E. coli Visual testing: Al, Cl ₂ (free/residual & total), EC, Fe, Mn, NO ₃ ⁻ , pH, TDS, Temp., Turbidity
Incubator	Not needed
Optional parameters	Additional parameters on request

The Basic Water CheckPack is designed to facilitate efficient teamwork in the field and enables up to three users to carry out tests simultaneously at multiple sampling points. Standardized reagents and clearly structured procedures reduce the need for training and make it easier to use the kit under time pressure. The robust backpack reliably protects all components and ensures quick access and intuitive handling even under difficult conditions. Thanks to its expandability to include additional parameters, the CheckPack can be flexibly adapted to different operational requirements.

