



# VWT, Supplying Water Technologies and Services to overcome Challenges in your Sector

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Laboratory  
water



Utility water  
Boiler feed  
Cooling  
towers



Process  
water  
systems



Waste water  
technology



Service  
Mobile  
Solutions  
Chemicals

# Field Service Capability



80 engineers

Service Contracts

Out of Hours Cover : 24/7

Rapid response

Refurbishment

National Coverage

# Determine the required quality

| Water Quality  | Applications   |
|--|--|
| Type 3 lab grade water<br>RO, Reverse Osmosis <20 $\mu$ S/cm   | Laboratory equipment such as final rinse of glassware, autoclaves                              |
| Type 2 pure water<br>General lab grade < 1 $\mu$ S/cm          | Reagent & buffer preparation and supply of standard laboratory equipment e.g. clinical systems |
| Type 1 ultrapure water<br>18.2 M $\Omega$ -cm/0.055 $\mu$ S/cm | Critical applications and techniques.<br>HPLC, microbiology and ICP-MS or LC-MS techniques     |

# Determine The Solution

- Your daily usage?
- What is your peak demand?
- How many hours per day and days per week?
- Applications within your laboratory?



# PURELAB Chorus 1 Complete

**All-in-one system: ultrapure Type 1 water without the need for a pre-purified feed**



# PURELAB Chorus 1 Complete

- Up to 480 litres per day of Ultrapure Type I water
- Add accessory dispensers for more points of use
- Space saving configurable designs
- Large colour lit display
- Compliant to IQ/OQ EP regulations through full validation package
- Recirculated to the point of use for optimal water purity
- Fully automated sanitisation for optimal purity



# National Graphene Institute – University of Manchester

- **Graphene has been called “ the most exciting material of the 21<sup>st</sup> century”**
- **Its properties and full potential are still being discovered**
- **Applications range from microelectronics to structural engineering and from DNA sequencing to water purification.**
- **The building service contract for the project was awarded to Balfour Beatty Engineering Services. This included the design supply and installation of ultrapure systems for the Clean rooms and laboratories which they entrusted to Veolia Water Technologies UK**
- **Project won the prestigious ‘Project of the Year’ in the H & V News Awards 2015**





