

Application and interest areas	Typer of Water			
	Ultrapure Type 1	Pure Type 2	RO	Cartridge and filter systems
<b>General Lab Purpose</b>				
Autoclave		•	•	•
Humidification		•	•	•
Glassware washing/rinsing		•	•	•
General lab equipment (water baths, incubators, etc.)		•	•	•
Feed water to Type 1 systems		•		
Media prep		•		
Buffer prep		•		
Chemical and biochemical reagent prep		•		
<b>Analytical</b>				
High performance liquid chromatography (HPLC)	•			
Gas chromatography (GC)	•			
Ion chromatography (IC)	•			
Inductively coupled plasma spectroscopy (ICP)	•			
Mass spectroscopy (MS)	•			
Atomic absorption (AA)	•			
Total organic carbon (TOC)	•			
<b>Life Sciences</b>				
Genomics (ex. PCR, mutagenesis)	•			
Proteomics (ex. crystallography, electrophoresis)	•			
Immunology (ex. monoclonal antibody production, blots)	•			
Pharmacology	•			
Cell and tissue culture	•			
Drug discovery	•			
Molecular biology	•			
Microbiology	•			