



*Be Right*<sup>TM</sup>

# Lab Applications

## Quick Reference Guide

Version 1.1















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Application			Instrument							Vertical Market						
Parameter	EPA	Chemistry	Range (mg/l unless noted)	AT1000	HQd Meter	DR6000 Spectrophotometer	DR3900 Spectrophotometer	DR1900 Spectrophotometer	DR900 Colorimeter	DR300	SL1000	Kits	Digital Titrator	Other Instrument	Drinking Water	Industrial
															Raw Water	Power/Steam
Total Base Number		Potentiometric titration	1-100	•												
Total Micro		LuminUltra adenosine triphosphate	variable													
Total Organic Carbon	•	TNT810	1.5-30		•	•	•								•	•
Total Organic Carbon	•	TNT811	30-300		•	•	•								•	•
Total Organic Carbon		Direct TNT	0.3-20.0		•	•	•	•							•	•
Total Organic Carbon		Direct TNT	15-150		•	•	•	•							•	•
Total Organic Carbon		Direct TNT	100-700		•	•	•	•							•	•
Total Petroleum Hydrocarbons (TPH)		Immunoassay	semi-quant		•	•	•								•	•
Toxicity (ToxTrak)		ToxTrak	0-100 %		•	•	•	•							•	•
Turbidity	•	Nephelometric	0-700 NTU													
Turbidity	•	Nephelometric	0-10000 NTU													
Turbidity		Nephelometric	0-1000 NTU													
UV254		Direct read	semi-quant		•											
Vicinal Diketones		TNT819	0.015-0.5 mg/kg		•	•	•								•	•
Volatile Acids		TNT872	50-2500		•	•	•	•							•	•
Volatile Acids		Esterification	27-2800		•	•	•	•							•	•
Volatile Acids		Sodium Hydroxide/ Phenolphthalein	100-2400												•	•
Wastewater Treatment Plant Lab																
Water Conditioning Lab																
Zinc	•	Zincon	0.01-3.00		•	•	•	•							•	•

Titrator



AT1000

Spectrophotometers



DR6000



DR3900



DR1900

Colorimeters



DR900



DR300

E-Chemistry



HQS Meters and Probes

Portable Parallel Analyzer



SL1000

Turbidimeters



TU5200



TL2300

More lab systems support documents can be found on the LSBU library on Hach Support Online at: <https://support.hach.com/>

Individual product and application information can be found [at www.hach.com](http://www.hach.com)

