

pH Electrode Catalog Numbers by Sample

	ROSS Ultra®	ROSS®	PerpHecT®	AquaPro	Standard Ag/AgCl	Green	Micro Ag/AgCl	Double Junction	Economy
Biological/Pharmaceutical – TRIS buffer, proteins, enzymes	8102BNUWP 8107BNUMD 8156BNUWP 8157BNUMD	8102BN, 8104BN 815600, 8165BNWP 8172BNWP	8202BN, 8207BNU 8256BN, 8257BNU 8272BN, 9272BN	9102AP 9104APWP 9107APMD 9156APWP	9165BNWP 9172BNWP	GD9106BNWP GD9156BNWP		9102DJWP 9156DJWP	
Education/Student Use	8107BNUMD 8156BNUWP 8157BNUMD	815600, 8165BNWP	8207BNU, 8256BN 8257BNU, 9206BN 9207BN, 9256BN	9107APMD 9156APWP	9107BNMD 9156BNWP 9157BNMD	GS9106BNWP GD9106BNWP		9156DJWP	9106BNWP
Emulsions – Foods, cosmetics, oils		8165BNWP 8172BNWP	8272BN, 9272BN	9104APWP 9107APMD	9165BNWP 9172BNWP				
Emulsions – Petroleum products, paint		8172BNWP	8272BN, 9272BN	9104APWP	9172BNWP				
Flat Surfaces – Cheese, meat, agar	8135BNUWP	8135BN	8235BN	9135APWP					
Flat Surfaces – Paper	8135BNUWP	8135BN	8235BN	9135APWP	9167SC				913600
General Purpose – Most sample types	8102BNUWP 8107BNUMD 8156BNUWP 8157BNUMD	8102BN, 8104BN 815600, 8165BNWP 8172BNWP	8202BN, 8207BNU 8256BN, 8257BNU 9202BN, 9206BN 9207BN, 9256BN	9102AP 9104APWP 9107APMD 9156APWP	9102BNWP 9107BNMD 9156BNWP 9157BNMD	GS9106BNWP GD9106BNWP GS9156BNWP GD9156BNWP	9802BN	9102DJWP 9156DJWP	9106BNWP
Harsh Environments – Field or plant use, rugged use	8107BNUMD		8207BNU, 9206BN 9207BN	9107APMD 9156APWP	9107BNMD	GS9106BNWP GD9106BNWP		9156DJWP	9106BNWP
High Ionic Strength – Acids, bases, brines, pH > 12 or pH < 2		8165BNWP 8172BNWP	8272BN, 9272BN	9104APWP 9107APMD	9165BNWP 9172BNWP				
Large Sample Sizes – Tall flasks									912600
Low Ionic Strength – Treated effluent, deionized water, distilled water	8102BNUWP 8156BNUWP 8157BNUMD	8102BN, 815600 8165BNWP 8172BNWP	8202BN, 8256BN 8257BNU, 8272BN 9256BN, 9272BN		9165BNWP 9172BNWP	GS9156BNWP GD9156BNWP		9102DJWP	
Nonaqueous – Solvents, alcohols		8172BNWP	8272BN, 9272BN		9172BNWP				
Semi-solids – Fruit, meat, cheese		8163BNWP						9120APWP	
Small Sample Size – Micro-titer plates			8220BNWP				9803BN, 9810BN		
Small Sample Size – NMR tubes			8220BNWP				9826BN		
Small Sample Size – Test tubes, small flasks and beakers	8103BNUWP 8115BNUWP	8103BN, 8115BN 8175BNWP	8203BN, 9203BN 8220BNWP	9103APWP 9115APWP	9103BNWP 9167SC		9802BN, 9803BN 9810BN, 9826BN	9110DJWP	911600, 912600
Small Sample Size – TRIS buffer, proteins, sulfides	8103BNUWP 8115BNUWP	8103BN, 8115BN 8175BNWP	8203BN 8220BNWP	9103APWP 9115APWP				9110DJWP	
Titration		8162SC, 8172BNWP	8272BN, 9272BN		9164SC, 9166SC				
Viscous Liquids – Slurries, suspended solids sludges		8165BNWP 8172BNWP	8272BN, 9272BN	9104APWP 9107APMD	9165BNWP 9172BNWP				
Waters – Acid rain, boiler feed water, distilled water, rain water, well water	8102BNUWP 8156BNUWP 8157BNUMD	8102BN, 815600 8165BNWP 8172BNWP	8202BN, 8256BN 8257BNU, 8272BN		9165BNWP 9172BNWP	GS9156BNWP GD9156BNWP		9102DJWP	
Waters – Drinking water, tap water	8156BNUWP 8157BNUMD	815600, 8165BNWP	8256BN, 8257BNU 9256BN	9107APMD 9156APWP	9156BNWP 9165BNWP	GS9106BNWP GD9106BNWP		9156DJWP	9106BNWP
Waters – Wastewater, seawater	8156BNUWP 8157BNUMD	815600, 8165BNWP	8256BN, 8257BNU 9256BN	9107APMD 9156APWP	9165BNWP	GD9106BNWP GD9156BNWP		9156DJWP	