



### MSDR-P2 digital sugar refractometer

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Contact us to quote and add an additional measurement scale to your refractometer.

SERIES	MODEL	SCALE'S NAME	RANGE	DIVISIONS	ACCURACY
BRIX%	MSDR-P-101	Brix	0.0~50.0%	0.10%	±0.2%
		Refractive Index	1.3330~1.4200nD	0.0001nD	±0.0003nD
	MSDR-P-102	Brix	0.0~90.0%	0.10%	±0.2%
		Refractive Index	1.3330~1.5177nD	0.0001nD	±0.0003nD
	MSDR-P-103	Dextran	0.0~10.6%	0.10%	±0.2%
		Refractive Index	1.3330~1.4200nD	0.0001nD	±0.0003nD
	MSDR-P-104	Fructose	0.0~68.9%	0.10%	±0.2%
		Refractive Index	1.3330~1.5177nD	0.0001nD	±0.0003nD
	MSDR-P-105	Glucose	0.0~59.9%	0.10%	±0.2%
		Refractive Index	1.3330~1.5177nD	0.0001nD	±0.0003nD
	MSDR-P-106	Lactose	0.0~16.5%	0.10%	±0.2%
		Refractive Index	1.3330~1.4200nD	0.0001nD	±0.0003nD
	MSDR-P-107	Maltose	0.0~15.6%	0.10%	±0.2%
		Refractive Index	1.3330~1.4200nD	0.0001nD	±0.0003nD
Salinity	MSDR-P-201 (sodium chloride NaCl)	Salinity	0.0~28.0%	0.10%	±0.2%
		Salinity	0~280‰	1‰	±2‰
		Specific Gravity	1.000~1.217	0.001	±0.002
		Refractive Index	1.3330~1.4200nD	0.0001nD	±0.0003nD
	MSDR-P-202 (sea water)	Salinity	0~100‰	1‰	±2‰
		Chlorinity	0~57‰	1‰	±2‰
		Specific Gravity	1.000~1.070	0.001	±0.002

		Refractive Index	1.3330~1.4200nD	0.0001nD	±0.0003nD
Honey	MSDR-P-301	Brix	0.0~90.0%	0.10%	±0.2%
		Water	38.0%~5.0%	0.10%	±0.2%
		Be'	33.0~48.0	0.1	±0.2%
		Refractive Index	1.3330~1.5177nD	0.0001nD	±0.0003nD
WINE	MSDR-P-401	Brix	0.0~50.0%	0.10%	±0.2%
		% VOL ap	0.0~22.0%	0.10%	±0.2%
		Oe	0~150	1	±2%
		KMW	0.0~25.0	0.1	±0.2
Clinical	MSDR-P-501	Urine SP.G.	1.000~1.050	0.001	±0.002
		Serum P.	0.1~12.0	0.1	±0.2
		Refractive Index	1.3330~1.4200nD	0.0001nD	±0.0003nD
CAR	MSDR-P-601	Cleaner	(0)~(60)°C	0.1°C	±0.5°C
		Ethylene Glycol	(0)~(60)°C	0.1°C	±0.5°C
		Propylene Glycol	(0)~(70)°C	0.1°C	±0.5°C
		Battery	1.000~1.500sg	0.001	±0.005sg
	MSDR-P-602 (Urea tester)	Urea (NH <sub>2</sub> ) <sub>2</sub> CO	0-51.0%	0.10%	±0.2%
		Refractive Index	1.3330~1.4200nD	0.0001nD	±0.0003nD
	MSDR-P-603 (Engine Coolant Tester)	Ethylene Glycol	0~60%	0.10%	±0.5%
		Ethylene Glycol (°C)	(0)~(60)°C	0.1°C	±0.5°C
		Propylene Glycol	0~70%	0.10%	±0.5%
		Propylene Glycol (°C)	(0)~(70)°C	0.1°C	±0.5°C
	MSDR-P-604 (Brake Fluid Tester)	DOT3	( 121 )~( 260 )°C	1°C	±5°C
		DOT4	( 125 )~( 275 )°C	1°C	±5°C
		Refractive Index	1.3330~1.5177nD	0.0001nD	±0.0003nD