



## Touch screen Refractometers

ARM Series,

Model	ARM180	ARM140
Measuring range nD	1.30000 - 1.70000	1.3000 - 1.7000
Brix	0.00 - 100.00%	0.0 - 100.0%
Resolution nD	0.0001/0.00001	0.0001
Brix	0.1%/0.01%	0.1%
Reproducibility nD	±0.00002	±0.0002
Brix	±0.02%	±0.1%
Temperature range	0-95°C	0-95°C
Temperature resolution	0.1°C	0.1°C
T. control model	Peltier & Water bath(buy separately)	
T. control range	5-80°C	
T. control accuracy	±0.2°C	
Prism	artificial sapphire	
Measuring mode	100 editable	
Calibration	1 point calibration or up to 5 points calibration	
Light source	LED, 100000 hours	
Wavelength	589nm	
Interface	RS232, USB,RS485(For IR-W water bath)	
Display	5.6" touch screen, color LCD	
Database	>8000 groups	
Configuration	Data transfer safety management SW	
Power Requirements	230 Vac, ± 20%, 50-60Hz	
Dimension(LxWxH)	360 x 240 x 150mm	
Weight Approx.	5 kg	