

	FRA51615	FRA51602	FRA5097	FRA5087
OSICILLATOR			Discontinued	Discontinued
Frequency range	10uHz~15MHz	10uHz~2MHz	100uHz~15MHz	100uHz~10MHz
AC Amplitude	10Vp	10Vp	10Vp	10Vp
DC BIAS	±10V	±10V	±10V	±10V
Isoration Voltage	600V CAT II 300V CAT III	600V CAT II 300V CAT III	250Vrms DC200V	250Vrms DC200V
ANALYSIS SECTION				
MAX Voltage Isoration	600V CAT II 300V CAT III	600V CAT II 300V CAT III	250Vrms	250Vrms
DC rejection	DC-coupled : 600V	DC-coupled : 600V	DC-coupled : 200V	DC-coupled : 200V
Measurement processing · display				
Measuring speed(time/point)	0.5ms	0.5ms	approximately 22mS	approximately 22mS
Basic accuracy (gain)	0.01dB/0.06°	0.01dB/0.06°	0.05dB/0.3°	0.05dB/0.3°
Basic accuracy (Impedance)	0.1%/0.06°	No regulation	0.5%+External circuit	0.5%+External circuit
graph display	Bode diagram Nyquist diagram Nichols chart Cole-Cole plot	Bode diagram Nyquist diagram Nichols chart	Bode diagram Nyquist diagram Nichols chart Cole-Cole plot	Bode diagram Nyquist diagram Nichols chart Cole-Cole plot
Impedance related Measurement item	Z/R/X /Y/G/Ls/Lp /Cs/Cp/Rs/Rp /V/I/D/Q	none	Z or Y /R or G /X or B	The same as FRA 5097 by adding option
Zero compensation	✓	✓	✓	✓
Load compensation	✓	✓	No	No
Built-in printer	No (sold separately) (External)	No (sold separately) (External)	✓	✓
External memory	USB memory	USB memory	USB memory	USB memory
DISPLAY	8.4-inch color TFT-LCD (SVGA) with touch screen	8.4-inch color TFT-LCD (SVGA) with touch screen	VGA 6.5inch	VGA 6.5inch
I/F	GPIB, USB, LAN, RS-232, External monitor	GPIB, USB, LAN, RS-232, External monitor	GPIB, USB	GPIB, USB
dimension(WHD mm)	430×177×350	430×177×350	434×177×453	434×177×453
Weight	8.5kg	8.5kg	12kg	12kg