



Instrument Control System

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
ANALOG OUTPUTS						
Voltage Range			~10			V
Current Drive					1	mA
Output Impedance	Z_o	$f < 100 \text{ kHz}$			10	Ω
Capacitive Drive			1.5			nF
Update Time					12	μs
DIGITAL OUTPUTS ¹						
High Voltage	V_{OH}	Sourcing 100 μA Sourcing 2 mA	4.75 4		5.2	V V V
Low Voltage	V_{OL}	Sinking 100 μA Sinking 2 mA			0.1 0.26	V V
Update Time					8	μs
AC Power Requirements						
Voltage		100 – 120 VAC nominal 200 – 240 VAC nominal	90 180		132 264	VAC VAC
Frequency		All voltage ranges	47		63	Hz
Physical						
Dimensions		$l \times w \times h$ $l \times w \times h$	16.69 × 10 × 5.25 42.4 × 25.4 × 13.3			inches cm
Weight			14.8 6.7			lbs kg