



Charge Amplifiers NTIQ07, NTIQ07-01



Parameter	Unit	NTIQ07	NTIQ07-01
Input charge range.....	pC	10 ⁵	
Frequency range at the level - 3 dB.....	Hz	0.3... 10 ⁵	
Input resistance.....	Ohm	> 10 ⁹	
Output resistance.....	Ohm	< 100	
Maximum output voltage (at the non-linear distortion factor < 5 %)	V	± 10	
Root-mean-square noise value (reduced to the input)	μV	< 5	
Current ranging factor (error ± 0,5 %)	mV/pC	0.1; 0.2; 0.5; 1; 2; 5; 10; 20; 50; 100	
Built-in filters with the AFC decay no less than 20 dB/decade at the level -3dB:			
- high-frequency filter.....	Hz	0.3; 1; 3; 10	
- low-frequency filter.....	kHz	1, 10, 30, 100	
Current condition factor, (error ± 1 %)	pC/Eg	1 ... 9.99, step 0.01	
Supply voltage.....	V	+ (12 ± 2)	
Consumption current.....	mA	< 100	
Input connector type.....	-	BNC	
Output connector type.....	-	BNC	
Power socket type.....	-	terminal block LEMO	
I/O switch type.....	-	-	B100G
Power supply.....	-	network from adapter	
Dimension /TD>.....	mm	140×80×30	140×70×30
Weight.....	gram	500	