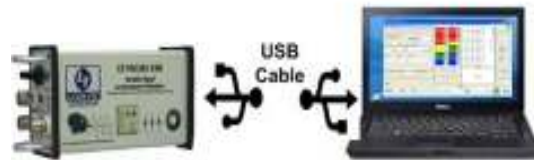


VSG301 Connections



VSG301 Variable Signals Generator for Vibration tests. Best solution for CBM & PDM Vibration Analysis Experts & Instructors



VSG301 Front Panel

A – Channel A output
B - Channel B Output
A+B – Channels A & B Output
System Connected – LED indication when Vibration Monitor or Analyzer connected
Switch On – VSG301 ready to work
Switch OFF & Charge – VSG301 is OFF and ready to be recharged



VSG301 Back Panel

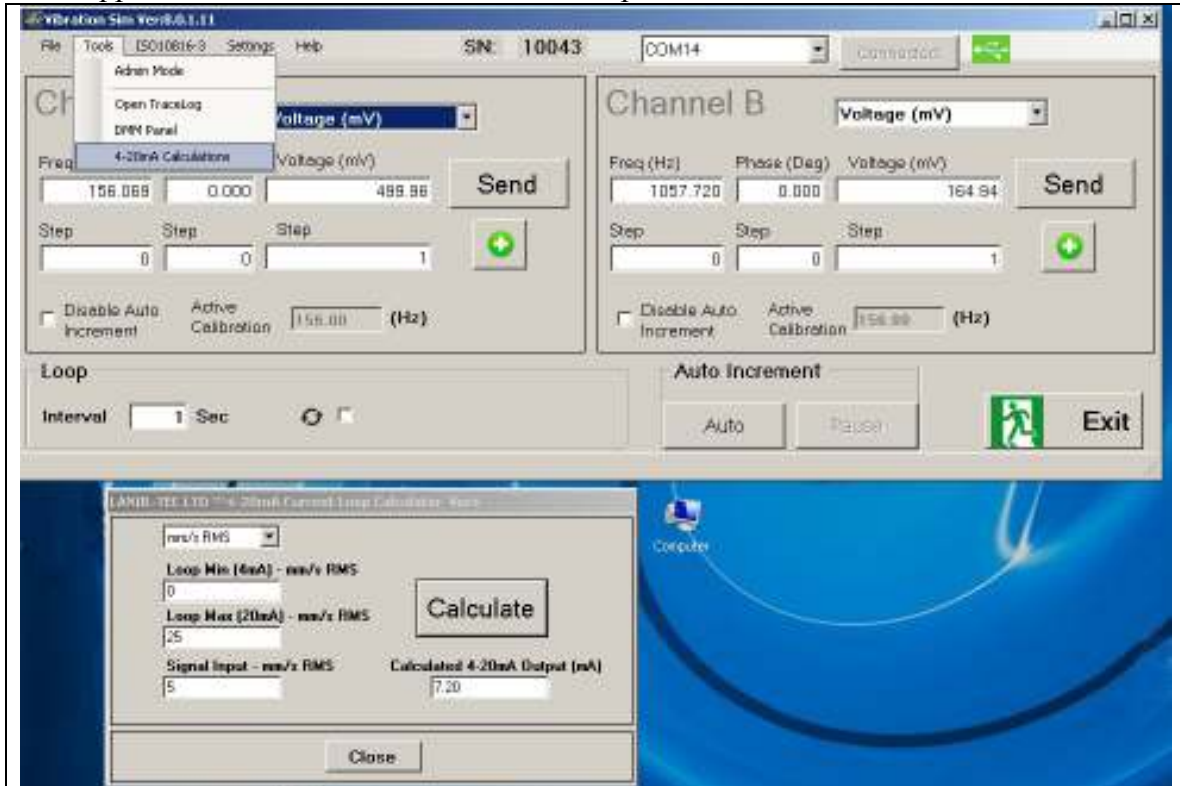
USB Mini Connector- Battery charger
LED – for Charging in process indication



For more details please open: <http://www.lanir-tec.com/simulator/>

VSG301 - Application

SW Application includes 4-20mA Current Loop Calculation



To open 4-20mA Current Loop Calculation Panel:

- Select on the Tools menu -> 4-20mA Calculations
- Select all parameters and press Calculate button
- The calculated output will be displayed
- Select Channel A or B and set the signal values

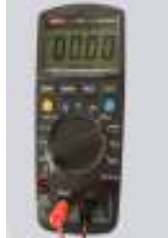
4-20mA Current Loop Adaptor

	
Front panel 1x BNC Input : mm/s RMS (from VSG301) 2 x Banana Plugs Outputs: mm/s RMS and g-pk	Back Panel USB Battery charging connector Battery Charging / ON Switch

4-20mA default Setting Table

LANIR-TEC 4-20mA Adaptor Setting table				Function
100mm/s	50mm/s	25mm/s	10mm/s	Velocity RMS
15kHz	3.5kHz	1.54kHz	-	g pk LP Filter
50g	25g	12.5g	5g	g pk Range
4-20ma	0-10V			Velocity Out
4-20ma	0-10V			g pk Output

DMM connected to the 4-20mA instead of Control room system

Connect DMM mA input to the Velocity –mm/s or g-pk outputs of 4-20mA adaptor	
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VSG301 with External 4-20mA Adaptor connection

