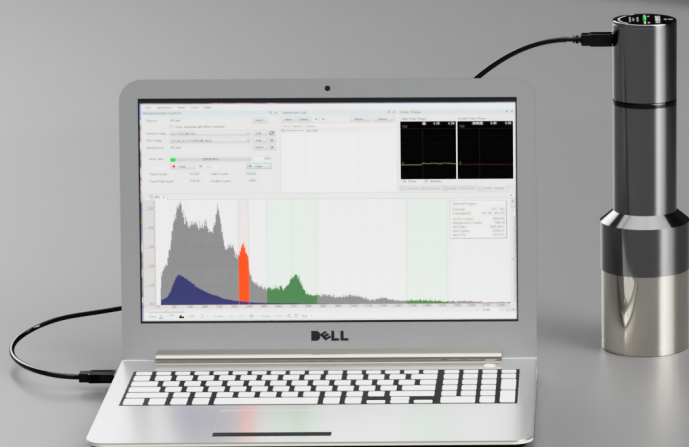




# GammaSpectacular

B E E R E S E A R C H P T Y L T D



- Up to 8192 Channels
- Up to 200,000 cps
- Temperature compensated
- Standard 14 pin socket
- USB Serial Communication
- Open Source Software

## GS-MAX-14

HIGH SPEED GAMMA SPECTROMETRY

## High Speed MCA With 14 Pin Socket

The GS--MAX-14 is a digital USB multichannel analyser with 14 pin socket, the MCA will work with almost any PMT based scintillation detector with a standard 14 pin socket and can count up to 200,000 cps with excellent resolution.

It connects via USB to a PC and comes with free open source software. Bias voltage and other hardware variables can be changed by sending commands to the MCA via the software.

### Temperature Stabilised

The GS-2020-Nal-MAX detector has integral temperature sensor to compensate for temperature drift over a wide range from  $-40\text{C}^{\circ}$  to  $+80\text{C}^{\circ}$ , for best results the user should calibrate temperature drift for the individual detector.

### PC Software

Becqmoni software comes with all the features you expect of a professional gamma spectroscopy system, background subtraction, isotope identification and more.

[Download Becqmoni](#)

### Android Software

This product will also work with Atom-Spectra on Android, but you will most likely need a Type-B to Type-C USB cable (not supplied)

[Download Atom-Spectra](#)

### Included

1 x GS-MAX-14

1 x USB Type-B to USB Type-A

1 x Manual

### Made in Australia

This spectrometer is made in Australia by Bee Research Pty Ltd and Max Koshelev

Specifications	
Bias Voltage	Adjustable from 500-1800V
Communication speed (rec)	600,000 Baud
Communication protocol	UART over USB
Connector (on detector)	USB Type-B
USB Cable length	1.2 meter
Power consumption	170 mA (USB 5V)
Number of channels	Max 8192
Temperature stability	$-40\text{C}^{\circ}$ to $+80\text{C}^{\circ}$
Weight	200 grams
Dimensions	74 x 59 mm

