

THE CASTLE GA2001 VIBRATION METER: (HARM)

A quick guide to “setting up” a HARM test

Connect the main cable to the meter, via red dot = red dot and do not twist !

Attach the block, as securely and rigidly as possible, to the power tool handle, using cable ties and confirm with the employee if the grip is now both safe and comfortable

Hold down the 'POWER' button just until the meter illuminates

It will now display READY: V 2.XX
 ► SETUP ◀

Press the 'HARM' Button

It will now display HARM
 ► CURRENT ◀ RECORD

Press the right arrow once until the arrows grab ► RECORD ◀ then press 'ENTER'

The display will now show RECORD HARM
 ► MANUAL ◀ AUTO

Press 'ENTER' for ► MANUAL ◀

The display will now show EMPLOYEE NUMBER, EMP (= < 250) you may enter any three digit number up to 249. To identify your employee using the numbered keys, Press 'ENTER', this will show the current reading in the X-Axis so you can ensure that the reading has 'settled' before taking a measurement.

Ask your employee to now start his or her work process and to continue grinding or drilling (for example) without stopping for 1 – 2 minutes.

Now press 'ENTER'... you have now activated the measurement process for the X axis and after an appropriate time, when you are satisfied that a 'true representation' of the task is being recorded, press 'ENTER' TO STORE.

Pressing 'ENTER' again, starts you measuring on the Y axis and, then repeat the same steps until the Z axis is stored.

Tap in your EXPOSURE TIME: HOURS (0-23), for example three hours trigger time = 03, press 'ENTER' and the same for MINS (0-59) for example 30 minutes.

The above information is not a replacement for the instruction book.

“Always” refer to the Castle GA2001 instruction manual and the Meter technical data sheet, together with HARM application notes. Guidance is available from the HSE on the subject of HAVS.