

PRACTICAL BAGPIPE TUNING
(IN 4 PARTS)

Part 2

TUNERS



R T SHEPHERD & SON (SCOTLAND) LTD

NOTES ON TYPES OF TUNERS



KORG CA-30

.With the CA - 30 you can check the chanter octave “A” - high “A”,

You can also tune your drones.

It is also a good tool to practice steady blowing. But cannot discriminate each note of the pipe chanter.

The reason being it measures and reacts to what is known as a “Equal Tempered Scale”

Pipes and pipe music work best with a “*Just Tempered Scale*” which is a PLEASING scale where any two notes that are a third, fourth, or fifth interval apart makes an harmonious chord

Making use of the CA-30 (Octave A-A’)

Calibrated by default to note A at 440 Hz.

When you blow “A” on the bagpipe chanter, the tuner displays the nearest chromatic scale note as “**B**” flat, or “**A**” sharp

The modern chanter and reed combination is usually **20 plus cents** on the display scale

A = 440Hz. A sharp = 466Hz

BAGPIPES tune around **468 - 480 Hz**. So they are **B flat plus**

Chromatic A sharp is 466 Hz

In other words

“A” sharp 466 is **440 Hz (concert A) plus 26**

With the CA-30 YOU WILL HAVE TO COMPENSATE FOR THIS FACTOR OF PLUS 26 AS THIS IS ALREADY BUILT INTO THE TUNER

BT-3A TUNER.

Advanced analogue tuner. The tuner has a calibration knob and it is possible to adjust the centre frequency of the tuner to the pitch of the day easily.



(Pitch of Chanter changes by temperature and humidity.) Making this a useful tuner for the pipe band.

AT-2B TUNER.

Digital circuit discriminate each note of the Pipe Chanter or Drone automatically and indicate the deviation from its true frequency of the bagpipe scale.



Each note is indicated by a LED AND THE PITCH OF THE NOTE BY THE METER AUTOMATICALLY.

