**iM3 Port X Handheld – *“Guide”* to exposure settings**

A *“Guide”* below of exposure factors used for the iM3 Port X Handheld dental x-ray generator and iM3 CR7 image plates:

**Exposure “Guide” times below are for all teeth in that same size animal**

0.18 Rabbits (Intra Oral)

0.22 – 0.25 Rabbits (Extra Oral with Size #4 or #5 image plate)

0.36 - 0.40                          Cats & Toy Breeds eg: Chihuahua (Intra Oral)

0.40                                     Small terriers, Maltese (Intra Oral)

0.45                                     Kelpie, Staffordshire bull terrier (Intra Oral)

0.50                                     Amstaff, Golden Retriever (Intra Oral)

0.56 - 0.63                          Alsatian, Rottweiler, Great Dane (Intra Oral)

**Focal Distance: When using Size #4 & #5 Image Plates** for Medium to Large size breeds for side arcades & incisors, **ensure a distance of 10cm – 15cm is between the patient & end of tube extension/collimator** in order for the x-ray beam to expose the entire image plate (this distance can be reduced when using smaller image plates).

**Extremities:** If exposing a paw, leg or similar, generally expose at the same time as for the teeth for that size animal. Increase exposure time if there is an increase in thickness/body mass.

**Examples:** Border Collie shoulders at approximately 0.80 with the collimator “removed” (Port X-II Model). Tympanic Bulla on a cat works well at 0.70. Remove the collimator (Port X-II Model) and position the generator 1 cm from animal to expose.

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**iM3 “Factory Set” Exposure Settings for the Port X-IV to suit the CR7**

*“DR Sensors may require less exposure”*

