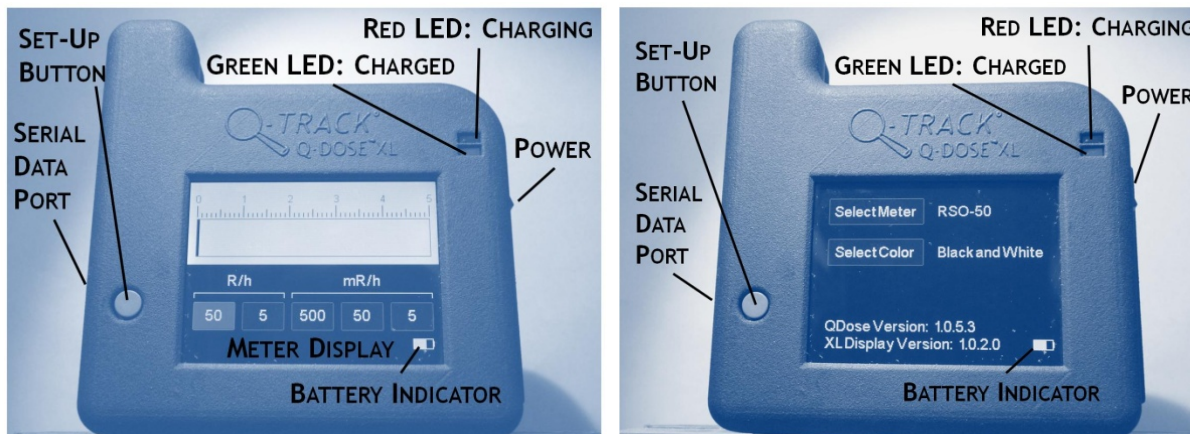# Q-Track® QDose™ XL Survey Meter Emulator — Quick Start Guide

NOTE: Charge Before First Use!

The QDose™-XL operates in a meter emulation mode (left) and a set-up mode (right).

Power Switch: For normal operation, turn the tag "on" using this rocker switch. Turn the tag "off" to conserve battery or for long term storage. The Tag defaults to whatever meter display was last selected.

Set-Up Button: This toggles the QDose™-XL between meter emulation mode (above, left) and set-up mode (above right). The set-up mode enables selection of meter GUI and optional color schemes. In meter emulation mode, the QDose™-XL displays simulated radiation data

Battery Indicator: In either mode, a battery icon in the lower right corner of the screen denotes

Serial Data Port: The serial data port enables factory configuration. The serial data port may also be used in conjunction with the supplied charger (5V 500mA).

LEDs: a red LED lights to denote the tag is charging. A green LED indicates when the battery is fully charged.

FLUKE 451B EMULATION

BICRON RSO-50 EMULATION

The QDose™ XL Tag Transmitter operates within the AM broadcast band (600–1600kHz). The specific transmit frequency is carefully chosen for each installation to avoid harmful interference with licensed emitters. AM broadcast signals would interfere with tracking and must be avoided. The transmit frequency is set at the factory and cannot be changed by the user. The QDose™ XL tag transmitter is microprocessor-controlled and powered by a rechargeable lithium ion battery. The unit cannot transmit while being recharged. The antennas are self-contained within the plastic enclosure, and cannot be modified or changed by the user. The QDose™ XL tag transmitter includes a ZigBee data modem for reception of simulated radiation data.