

Model I Telemyographic unit -

This system is designed to record ^{myographic} action potentials by either surface or depth electrodes from ~~either~~ ^{electrical} ~~subjects~~ ^{physical} individuals engaged in any desired activity & connection to the recorder. This is

This system is designed to record myographic action potentials from subjects engaged in normal activity & the limitations of wired connections to the recorder. Up to four surface or depth ^{used} electrodes may be ~~either~~ ^{surface} or depth. A small ^{FM} radio transmitter sends the EMG signals from a single electrode location to a receiver. The received ^{EMG} signal may ~~then~~ ^{be processed} in several fashions ^{ways} modes: it may be observed directly by an external oscilloscope, it may be recorded by an external tape

recorder, it may be audibly monitored by an integral ^{amplifier} ~~audio~~-speaker unit, it may be recorded directly on oscillograph tape, and its area may be summated by an integrator and recorded directly by oscillograph. In addition angles

~~A portable dolly contains the recorder,~~
position of a limb may be accurately measured and recorded by an electrical goniometer.

Apparatus description:

A portable dolly contains 4 receivers, 4 galvanometer driven amplifiers, an ~~single~~ ^{electronic} amplifier and speaker, an integrator, a five channel galvanometer recorder & UV recording media, outputs for external ~~no~~ recording and

battery charges for the transmitter - Four
FM transmitters & surface electrodes and
the electrical goniometer & the apparatus for
attachment to the pt. complete this system.

Unit description:

A block diagram is shown in fig I.
and the control panel is in Fig II

