

STUDENT PHYSIOGRAPH SINGLE CHANNEL



Specification

COUPLERS

- i) STRAIN GAGE
- ii) ISOTONIC
- iii) PULSE RESPIRATION
- iv) TEMPERATURE
- v) EKG (CLINICAL) with Electrode, 5 pin Junction box and Jelly.
- vi) BIO POTENTIAL (with Electrodes, 3 pin Junction box, Paste and

Electrode for Action Potential).

TRANSDUCERS

1. PRESSURE for strain gage Coupler
2. VOLUME for strain gage Coupler
3. MUSCLE ACTIVITY/FORCE for strain gage Coupler
4. RESPIRATION BELT for Pulse Respiration Coupler
5. ISOTONIC FINE MOVEMENT for isotonic Coupler
6. PULSE for Pulse Respiration Coupler
7. TEMPERATURE for Temperature Coupler

ACCESSORIES

The following accessories are provided free of charge with each Digital Physiograph :-

1. Fuses -5 Nos.
2. Earthing cord -1 No.
3. Instruction Manual -1 No.
4. Machine cover -1 No.
5. Software Back up on C/D -1 No.
6. USB Cable -1 No.

DIGITAL PHYSIOGRAPH – 2 CHANNELS



Specification

COUPLERS

- i. STRAIN GAGE
- ii. ISOTONIC
- iii. PULSE RESPIRATION
- iv. TEMPERATURE
- v. EKG (CLINICAL) with Electrode, 5 pin Junction box and Jelly.
- vi. BIO POTENTIAL (with Electrodes, 3 pin Junction box, Paste And Electrode for Action Potential).

TRANSDUCERS

1. PRESSURE for strain gage Coupler
2. VOLUME for strain gage Coupler
3. MUSCLE ACTIVITY/FORCE for strain gage Coupler
4. RESPIRATION BELT for Pulse Respiration Coupler
5. ISOTONIC FINE MOVEMENT for isotonic Coupler
6. PULSE for Pulse Respiration Coupler
7. TEMPERATURE for Temperature Coupler

ACCESSORIES

The following accessories are provided free of charge with each Digital Physiograph :-

1. Fuses -5 Nos.
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3. Instruction Manual -1 No.
4. Machine cover -1 No.
5. Software Back up on C/D -1 No.
6. USB Cable -1 No.

MULTI-CHANNEL PHYSIOGRAPH – 3 CHANNELS



Specification

COUPLERS

- i. STRAIN GAGE
- ii. ISOTONIC
- iii. PULSE RESPIRATION
- iv. TEMPERATURE
- v. EKG (CLINICAL) with Electrode, 5 pin Junction box and Jelly.
- vi. BIO POTENTIAL (with Electrodes, 3 pin Junction box, Paste And Electrode for Action Potential).

TRANSDUCERS

1. PRESSURE for strain gage Coupler
2. VOLUME for strain gage Coupler
3. MUSCLE ACTIVITY/FORCE for strain gage Coupler
4. RESPIRATION BELT for Pulse Respiration Coupler
5. ISOTONIC FINE MOVEMENT for isotonic Coupler
6. PULSE for Pulse Respiration Coupler
7. TEMPERATURE for Temperature Coupler

ACCESSORIES

The following accessories are provided free of charge with each Digital Physiograph :-

1. Fuses -5 Nos.
2. Earthing cord -1 No.
3. Instruction Manual -1 No.
4. Machine cover -1 No.
5. Software Back up on C/D -1 No.
6. USB Cable -1 No.



POLYGRAPHS IV CHANNEL ECG – 4 CHANNELS

Serving Science Since 1946

Features:-

- RR Analysis.
- Merging of waves
- Integration of Waves.
- Patient Database information
- Eight Channel Modern Polygraph
- Real Time data storage & review facilities
- Experiments on Animal & Human facilities.
- Experiments on Animal & Human subjects.
- Frequency, time & Voltage Marking on individual channel.

Experiments:-

- Isometric Force
- Phono Cardiogram
- Volumetric Changes.
- Isotonic Fine Movement
- Respiration & Temperature.
- Invasive & Non invasive BP.
- ECG,EEG,EMG,ENG,GSR etc.
- Plethysomograph (Pulse, Heart Rate etc.)

System Comprises of :-

-“PHYSIOPAC” (PC-2004) Ultimate hardware unit 01 No.(4-Channels digital data acquisition system having

provision to record independently EEG, EMG, EOG,GSR respiration,Pulse, BP, Volume, Force etc. with sampling rate 1024 samples/sec).

-Physiopac (PC-2004) Ultimate Software on CD. 01 No. -Serial cable 01 No.

-Main cable 01 No. -Earthing cord 01 No.

-3 Pin Junction Box 01 No. -5 Pin Junction Box 01 No.

-EEG/ EMG Electrodes 15 Nos. -ECG Limb Electrodes 04 Nos.

-ECG Chest Electrode 01 No. -Pulse Transducer 01 No.

-Respiration Belt (Stethograph Type) 01 No. -Phono Cardiogramme Transducer 01 No.

-EEG Paste 01 Jar of 250gm -Electrode Jel 01 Tube of 250gm

-Skin Temperature Transducer 01 No. -Galvanic Skin Response Transducer 05 Nos.

-Blood Pressure Cuff 01 No. -Pressure Transducer 01 No.

-Muscle Activity/Force Transducers 01 No. -Volume Transducer 01 No.

(Without Computer Monitor & Printer)