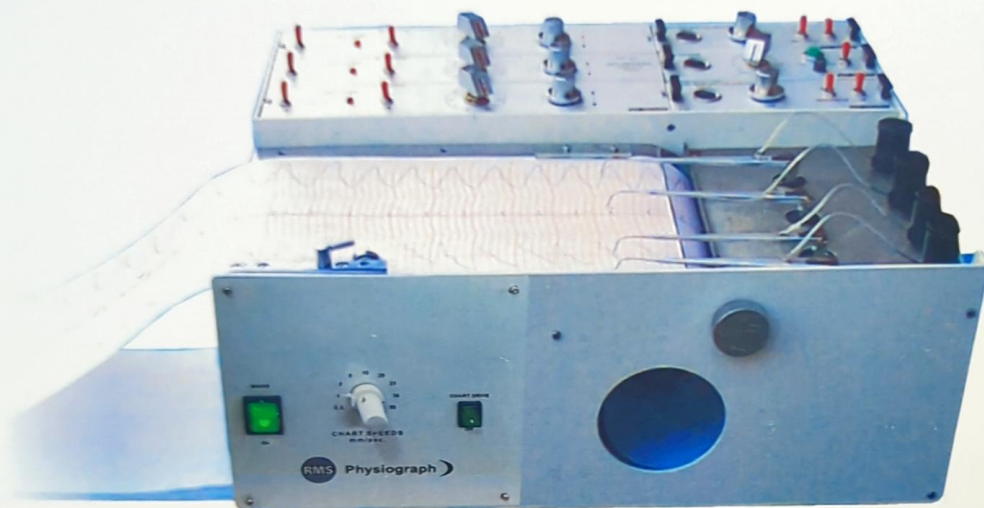


# Physiograph 3A

3-Channel with Time Marker



## SALIENT FEATURES:

1. Unique system of pen motors, Modular easily interchangeable in a minute or two.
2. Pen length standard 120mm for ink writing system improving upon the international standard (100mm) as per GRASS or BECKMAN.  
Shorter pen length would mean greater arc distortions which is synonymous with wave form distortion and arc distortion. Pen length below 100mm is not internationally accepted.
3. FREQUENCY RESPONSE : with 120mm ink pen length 70Hz-3db. with shorter ink pens 75 or 80mm length this response will be appreciably higher.
4. CHART DRIVE : with completely silent gear train fitted with finest imported synchronous motor free from any backlash.  
Noisy or large humming gear train or motor can introduce Bio-feed back signals.
5. Z fold chart paper for easy back reference and recording.
6. Ripple free power supply with high stabilization and overload protection.
7. Modular Time & Event channel (optional).



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## CONSOLE :

'POLYRITE' console standard rack mount on Castors as per GRASS USA.

The Horizontal section houses the 10 speed Chart Drive, Galvanometers (Modular) with stabilized ripple free power supply & the vertical section housing the amplifiers and with ink pens and inkwell assembly.

Ten Chart Speeds provided are - 50, 25, 10, 5, 2, 1, 0.5, 0.25, 0.1, 0.05 mm/sec.

## TRANSDUCERS :

1. Pressure Transducer : Strain Guage Type.  
APPLICATIONS : Arterial and Venous pressure.
2. Volume Transducer (plethysmography) : For low volume changes (strain guage type).
3. Heart, Smooth Muscle, Isotonic muscle Isometric Force Transducer.
4. Respiration Transducer.
5. Photo-electric Pulse Transducer.
6. Isotonic Fine Movement

## ACCESSORIES :

1. EKG Limb electrodes with 4 nos - 1set
2. Chest electrode - 1 no.
3. EEG electrode - 6 nos.

4. Pens ink writing - 1 nos.
5. Pens cradles - 1 nos.
6. Ink - ½ lit.
7. Chart Paper ink writing - 2 nos.
8. EEG Jelly tube - 1 tube.
9. EEG paste - 1 jar.
10. 3 pin Junction Box - 1 no.
11. Earthing Cord - 1 no.

## ACCESSORIES OPTIONAL :

1. 5 Pin junction box.
2. Temperature
3. Volume Transducer
4. Pressure Transducer
5. Isotonic Transducer

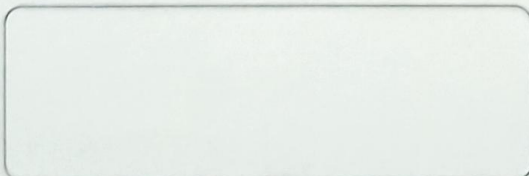
## COUPLERS :

Strain gauge coupler  
Bio Potential coupler  
Pulse/Respiration coupler

## OPTIONAL COUPLERS :

Isotonic coupler  
Temperature coupler  
EKG Coupler

Since R&D is a continuous process, to make changes in product features, specifications, aesthetics and/or to discontinue the same at any time without notice or obligation



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