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INSTRUMENT STANDARD OPERATING PROCEDURE MANUAL

College of Medicine



SAFETY AND LABORATORY COOMMITTEE, C.O.M, K.F.U.

Prepared by

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Document History

Document Section	Details of Amendments	Date	Modified by (Initials)
SOP	First Draft on SOP for the operation of 2-Channel universal Oscillography Complete Isotonic Isometric recording system.	8-12- 2020	Lolwa Al helal Nourah Alshebli

1. OBJECTIVE

The document describes the operation of 2-Channel universal Oscillography Complete Isotonic Isometric recording system.

2. SCOPE

A device that measures voluntary and involuntary muscle contraction and relaxation

3. RESPONSIBILITIES

- ☐ It is the responsibility of designated personnel in the lab to train staff and students on this procedure and to ensure adherence to this procedure under supervision.
- ☐ It is the responsibility of designated personnel (staff or Student) to follow the instructions of this procedure under supervision.

4. REFERENCES

2-Channel universal Oscillography Complete Isotonic Isometric recording system Harvard UK manual

5. DEFINITIONS

- ☐ Mention the full form of any abbreviations used.
- ☐ Mention the standard definition of any term used.

6. SAFETY PRECAUTIONS

- ☐ . Dealing with electricity
- ☐ Wearing gloves to protect from dirt ink

7. PROCEDURE FOR OPERATING 2-Channel universal Oscillograph Complete Isotonic Isometric recording system

7.1. Turning on the instrument:

- ☐ Attach the device to electricity

- ☐ When we want to measure contractions, we put the indicator on the isotonic, but when we want to measure the tensile strength, we put the indicator on the isometric
- ☐ We set the device's Interface settings to DC
- ☐ We set polarity + up
- ☐ From GAN button, we can enlarge and reduce the drawing of contractions or diastoles

PEN ZERO fixing the drawing line in the middle.

Chare speed we control the paper speed

Tim Marker button we can mark a mark on the drawing every 1 ounce or 5 or 10 or 30 or 60 minutes

From the Event button, we can select a mark by drawing manually

7.2 Software Operation

7.3 Step of the Procedure

7.4 Turning off the Instrument

- ☐ Press the shutdown button

7.5 Warning Wearing gloves to protect from dirt ink
