

# Large Display Stopwatch

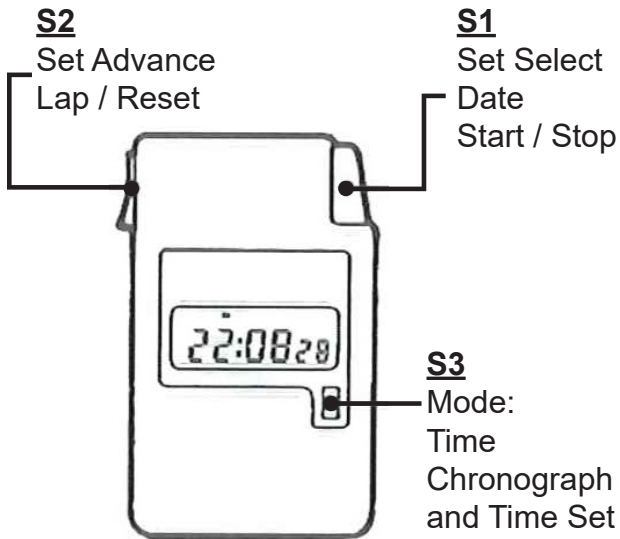
810022

Instruction Manual

SPER  
SCIENTIFIC

---

Environmental Measurement Instruments



**Note...**

Pushing **MODE** switch once will change from **TIME** mode into **CHRONOGRAPH** mode or vice versa. Depressing **MODE** switch for about 2 seconds will enter into **TIME SET** mode.

## TIME MODE

**12 HOURS** and **24 HOURS** display



**12 HOURS**



**24 HOURS**

## MONTH / DAY DISPLAY

Depress and hold  
**DATE** switch for Month/  
Day display



## ALARM / CHIME FUNCTION

To turn on **ALARM**, push  
and hold **ADVANCE**  
button and pushing  
**SELECT** button once.



To turn off **ALARM**,  
push and hold  
**ADVANCE** button and  
pushing **SELECT** button  
once again.

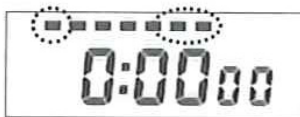


To turn on **CHIME**, push and hold **ADVANCE** button and pushing **MODE** button once and then all function bars will be shown on display. Chime will be on for every hour.

To turn off **CHIME**, push and hold **ADVANCE** button and pushing **MODE** button once again.

## CHRONOGRAPH MODE

Push **START/STOP** button once to start counting up.



Push **START/STOP** button once to start counting. To restart, simply push **START** again.



Accumulative counting up is possible if counter is not being reset.

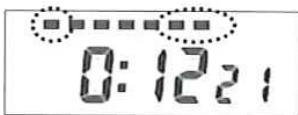


### Note...

The 1/100 second mark flashes until counter exceeds 30 minutes, and afterward, display format changes to read as **HOUR**, **MIN**, and **SEC**.

## LAP FUNCTION

When chronograph is running, push **LAP** switch to display **LAP** time. **LAP** indicator flashes and digits stay steady, but chronograph keeps on counting. Running time can be redisplayed by pushing **LAP** switch again.



**RUN**

Chronograph can only be reset when in **STOP** and **LAP** release state.



**LAP**

## ALARM SETTING

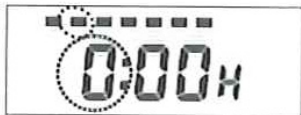
In all subsequent setting states, digit advances by one count for every push of **ADVANCE** switch.

Automatic advance will be performed by keeping **S1** depressed.

For 24 hours mode, indication H means 24 hour mode.

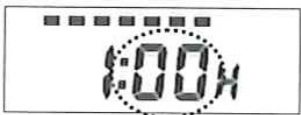
For 12 hours mode, indication A means AM and indication P means PM.

Press **S3** for twice for  
**TIME SET.**



Press **S2** for **HOUR SET.**

Push **S2** again for  
**MINUTE SET.**



Push **S3** to exit from  
**ALARM SET** mode.

### **Note...**

After adjusted digit of **ALARM**, alarm function will be turned on automatically.

## **TIME SETTING**

In all subsequent setting states, digit advances by one count for every push of **ADVANCE** switch.

Automatic advance will be performed by keeping **S1** depressed.

Press **S3** for triple for  
**TIME SET.**



Push **S1** to rest second counter only

Push **S2** for **MINUTE SET**.



Push **S2** for **HOUR SET**.



For 12 hour format, keeping **S1** to adjust hour, hour counter will counting from 24 hours format into 12 hour format or vice versa.



Push **S2** for **DATE SET**

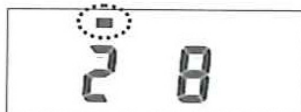


Push **S2** for **MONTH SET**

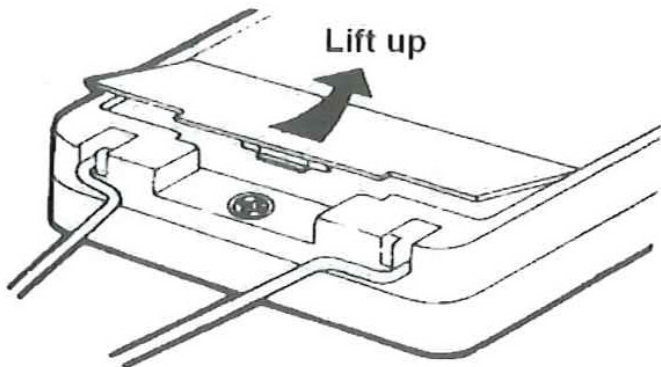


Push **S2** for **WEEK SET**

Push **S3** to exit from **SET** mode.



## REPLACEMENT OF BATTERY



Lift up battery cover to replace battery. Battery size is UM-3 (AA). Polarity should be observed. After replacing battery, time set is normally required.