

## HSTM01 HANDHELD HUMAN-SAFE STIMULATING PROBE



### IMPORTANT!

BIOPAC HSTM Series Probes must be used when stimulating humans. HSTM probes have energy-limiting features, enhanced isolation and a user-operated “dead man” switch for optimum safety.

### WARNING!

Even with the HSTM probe, users must never create an electrical path across the heart (i.e. touching an active tip in each hand while the switch is engaged) and it should never be used on subjects with pacemakers.

The HSTM01 handheld human-safe stimulating probe provides a superior degree of safety and comfort when using the Biopac Student Lab Stimulator for human stimulation. The ergonomic design allows the subject to focus on electrode placement instead of worrying about holding the electrode. The subject controls the stimulus presentation by activating the red safety switch. To stop the stimulus at any time, the subject simply removes his/her thumb from the switch and the electrode shuts off. The electrode is terminated in a BNC connector that interfaces with the BSLSTMA/B.

### HSTM01 SPECIFICATIONS

|                         |                   |
|-------------------------|-------------------|
| Safety Switch:          | Yes (Push button) |
| Lead Length:            | 3 meters          |
| Connector Type:         | BNC Male          |
| Interface:              | BSLSTMA/B         |
| Stimulating Electrodes: |                   |
| Material:               | Stainless steel   |
| Diameter:               | 8 mm              |
| Spacing:                | 2.54 cm           |
| Max Pulse Width:        | 1000 $\mu$ sec    |
| Min Pulse Width:        | 100 $\mu$ sec     |