



## LH-50

### Electric Battery Operated HAND LABELER

20747 Dearborn St., Chatsworth, CA 91311 – (800) 969-1705 – [www.hurstlabeling.com](http://www.hurstlabeling.com)

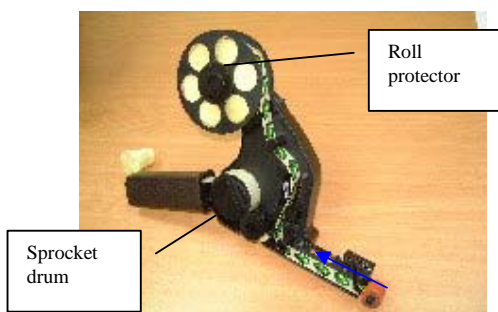
**GENERAL** - The manual labeler enables fast and easy sticking of various sized labels up to 20 mm tape width. The built in micro controller utilizes a photoelectric sensor to accurately advance the tape and locate the labels in the optimal position under the sticking sponge wheel. The unit is powered by rechargeable batteries, sufficient for 10 hours of operation between charging to charging. The operation rate remains stable independent of the battery level.



#### PREPARING FOR WORK

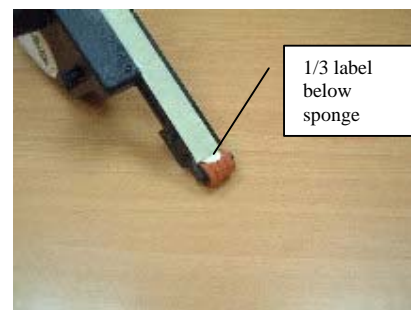
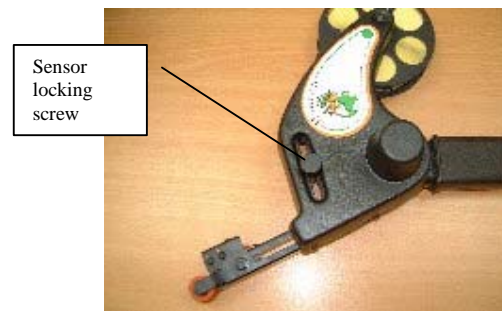
**1. CHARGING BATTERIES** - The universal charger supplied with the labeler accepts an input voltage between 100 to 240 V AC 50 or 60 Hz depending on the charger being used, and it generates a charging voltage of 6 V DC. The charging takes place when the charger is plugged into the mains and the plug at the edge of the cable is plugged into the bottom of the labeler's handle. The charging takes 2 hours during which the labeler can be normally operated or turned off. As long as the charging goes on, the indication led is red and it turns green when the batteries are full and the gun is active otherwise it turns off.

**2. THREADING THE TAPE** - Remove the roll protector and install the tape roll with the free edge hanging towards the inner part of the labeler. The following picture shows the path of the tape. Notice that near the sponge wheel the strip bends backward, goes below the arm (blue arrow) and around the sprocket drum into the conduit inside the handle emerging from the bottom.



**3. ADJUSTING THE PHOTO SENSOR** - The aim of this adjustment is to calibrate the control system in order that each

time the tape is advanced, the new label will be positioned in the optimal position under the sponge wheel. Turn on the power switch, the red light of the switch and the green light of the indication led are now on. Try to stick a label to the product. Gently push the sponge wheel against the product and slightly pull the unit backward, like smearing. The label will be attached to the product, the tape will be advanced and a new label will be positioned under the sponge wheel. The best position is when a 1/3 of the label is below the sponge. For adjustment, open the sensor locking screw and move the sensor up or down. Fasten the screw and try sticking another label. Repeat until optimal results are achieved.



**4. REGULAR USE** - Attaching a label is accomplished by a gentle push of the sponge wheel against the product followed by a slight back pull of the handle, like trying to smear the label on the product. The push is detected by a micro switch on the arm, resulting with sticking a label, and advancing the tape to the next one. When the tape at the handle bottom is getting too long it can be snipped off.

During operation the indication led is green but when the batteries need charging the led will start blinking. At this stage the charging process must be executed as explained above. Notice that operation may continue regularly while the charging is in progress.

In case of need the handle sleeve can be removed for cleaning the tape conduit. Lift the sleeve edge near the sprocket drum and use a little silicon spray to ease the shifting of the sleeve off.