



INTRODUCING LENCO'S *NEW* LWT-3200 Weld - Trainer™

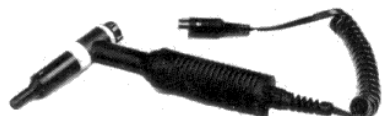
The LWT-3200 is designed with all new state-of-the-art electronic technology for teaching MIG, TIG and Stick welding.



MIG



Stick



TIG

Features:

Profax Mig Gun
Lenco HT Holder
Profax Tig Gun
Sellstrom Helmet



The Lenco LWT-3200 WELD-TRAINER™ is a high-tech, computer controlled unit that allows the operator to simulate and experience most of the conditions found in actual welding.

The Lenco LWT-3200 Weld-Trainer™ : **teaches** hand/eye coordination; **provides** "user friendly" programmed instructions at various skill levels; **provides** immediate audio and visual feedback so the student knows if the arc length, rod angle or puddle motion is correct; **simulates** rod burn-off; **records** all mistakes; **provides** the instructor and student with a digital performance readout on the CRT screen; **provides** external video and audio outputs to enhance group learning; **provides** on-screen warning captions for the hearing-impaired; and **provides** an external parallel printer port for a permanent paper printout. The Lenco LWT-3200 is very important for governments and schools in their ongoing manpower development and training. Upon request the Lenco LWT-3200-1 is available in various languages other than English. A Lenco LWT-3200-2 (Bilingual) is available with any two language combinations.

What The Lenco LWT-3200 WELD-TRAINER™ Does...

- **Teaches** the hand/eye coordination skills necessary in MIG, TIG and STICK WELDING. (Curriculum included)
- **Provides** “user friendly” programmed instructions allowing the student to progress in skill development at distinct, individualized levels of competence.
- **Provides** immediate audio feedback to the student so the student knows if the arc length, rod angle or puddle motion is or is not correct.
- **Simulates** rod burn-off in manual arc (stick) welding which is important for correct procedures.
- **Records** all mistakes in procedures automatically in numerical order.
- **Provides** on-screen warning captions for hearing-impaired.
- **Provides** the student and instructor with a digital readout of the welding performance on the CRT screen at the end of the exercise.
- **Provides** an external parallel printer port for a permanent paper printout used by the instructor at the end of each exercise. This printout may then be added to the students' performance record.
- **Provides** external video and audio output to enhance group learning.

Advantages And Savings With The Lenco LWT-3200 WELD-TRAINER™

The Lenco LWT-3200 WELD-TRAINER™ is not designed to replace, but to supplement the welding training done in actual practice. Among its many uses and advantages are the following.

1. **Allows** a student full practice time devoted to learning the basic welding skills without time spent in set-ups, chipping welds and plate preparation.
2. **Allows** reliable prediction of potential welding students.
3. **Allows** sizable savings in space, consumables and equipment.
4. **Allows** extreme portability. Can be used safely in a classroom or any compatible area since the normal hazards of arc burn, fumes, smoke and other hazards encountered in actual welding are not present.
5. **Allows** student to improve upon any areas in which his or her skills are deficient.
6. **Allows** a means for periodic performance testing of students or employees.
7. **Allows** substantial electrical energy savings over conventional welding equipment.

SPECIFICATIONS

EXERCISE TIMER: 1, 3, 5 Minutes

WELDING PROCESS: MIG, TIG, STICK (Manual Arc)

TARGET PATTERNS: Drag 1/4" Stitch, 1/4" Weave,
Drag, 7mm Stitch, 7mm Weave

BEAD SIZE: 1/2" 12.7mm

TYPES OF WELD JOINTS: Butt, Lap, Inside Corner

ARC LENGTH TOLERANCE: 1/32" to 1/8" .8mm to 3mm

ANGLE LIMITS: 60° to 90°

SIMULATED ELECTRODE BURN-OFF RATE (Manual Arc
Welding Only): 8, 10, 12 inches per minute
20, 25, 30 cm per minute

SPEED OF TRAVEL: 4, 8, 14 inches per minute
10, 20, 35 cm per minute
* 5, 10, 20, 30, 60, 90 cm per minute

ARC LENGTH RANGE: 1/8", 3/16", 1/4"
3mm, 5mm, 6mm

SHIPPING WEIGHT: 33 lbs. (approx.) 15 kg

POWER REQUIREMENTS: 115/230 VAC, 50/60 Hz

AVAILABLE LANGUAGES: English-US Standard, English-Metric, Spanish-US Standard,
Spanish-Metric, French Canadian-US Standard, Dutch-Metric

* Available in English-Metric only