

**THE ESCAMBIA COUNTY SCHOOL DISTRICT
PURCHASING DEPARTMENT
75 NORTH PACE BLVD.
PENSACOLA, FL 32505**

INVITATION TO BID & BIDDER'S ACKNOWLEDGEMENT

MAILING DATE:
August 22, 2012

PURCHASING CONTACT & TELEPHONE:
Allison White (850) 469-6210

BID TITLE:
Virtual Welding Training Machine

BID NUMBER:
#130502

BID OPENING DATE & TIME **Tuesday, September 18, 2012 1:30 P.M. (CST)**

NOTE: BIDS RECEIVED AFTER THE BID OPENING DATE AND TIME WILL NOT BE ACCEPTED.

BID ADDENDUM September 4, 2012

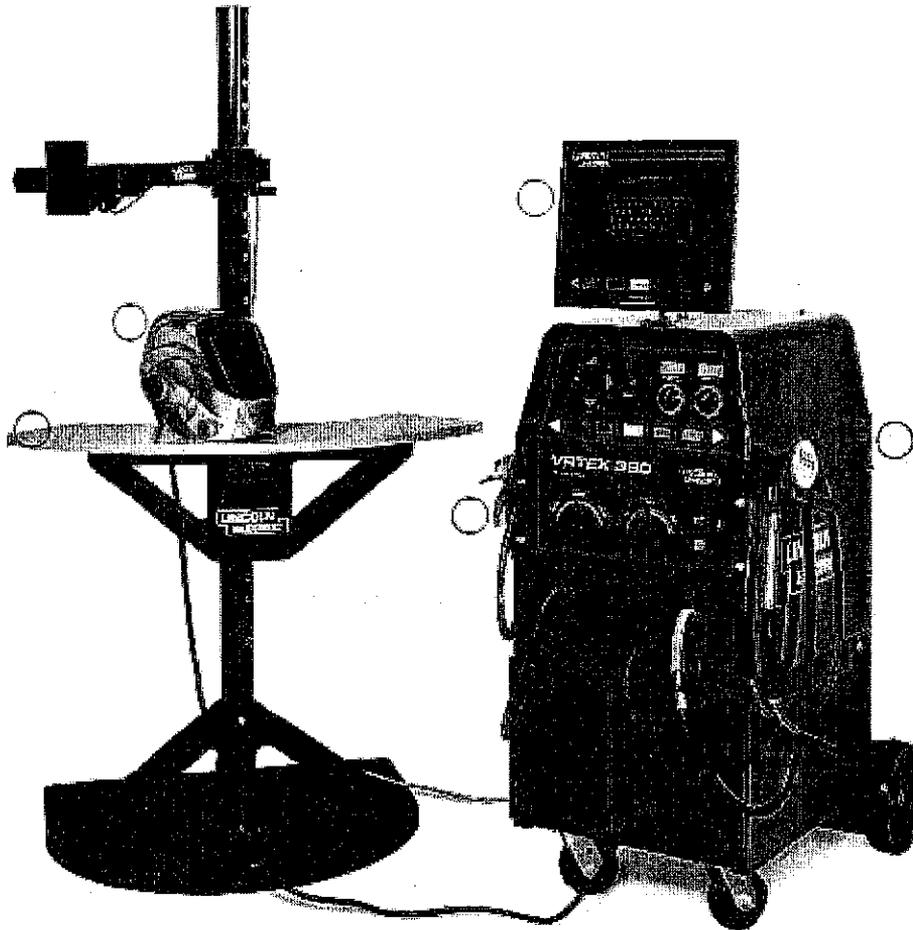
Per page six, the following specifications are now added to the original bid document. They had been omitted in error.

By signing addendum, Bidder acknowledges and agrees to the additional terms and conditions for the Bid #130502. Bidder is to attach and return addendum with the bid document.

Bidder's Signature



What is the VRTEX™?



The VRTEX® is an educational training tool that is designed to accelerate welding training through the utilization of virtual reality. Use the VRTEX® System to simulate:

- SMAW (stick), GMAW (MIG) and FCAW (flux-cored) welding processes
- Multiple weld joint configurations and welding positions
- A variety of welding environments



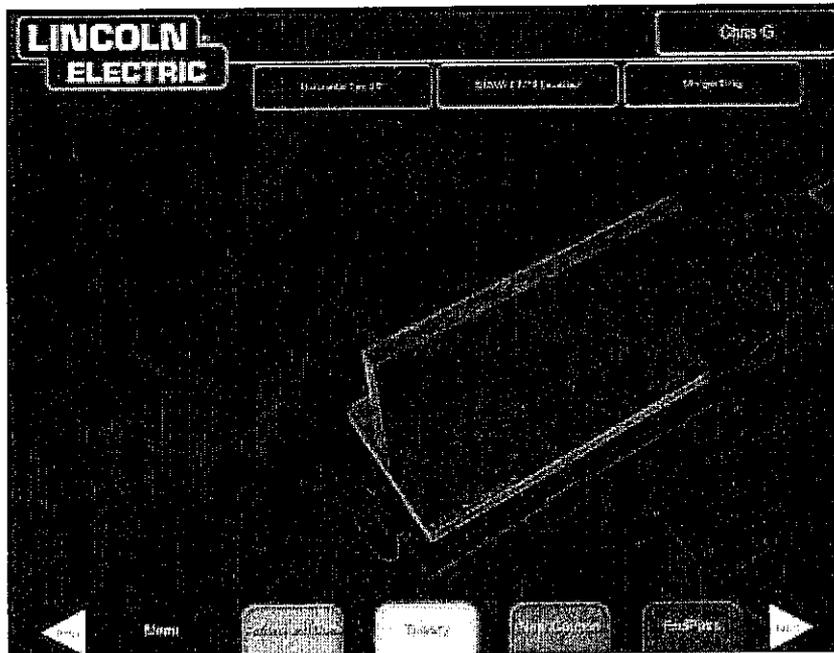
Additional Features of the VRTEX®

PROFLO™ PUDDLE MODELING

- Technology allows student to learn to "read the puddle".
Puddle simulation reacts to student movement
- Simulates sparks, slag, grinding (on pipe) and weld cooling.
- Virtual weld discontinuities appear in weld when improper weld technique is used.

INSTRUCTOR CAM

Use this feature to visually inspect welds made on the VRTEX® for porosity, undercut and proper bead placement. The In: Cam can be used while the student is welding or used for visual inspection after the weld has been completed.



WELDOMETER™

- Track material usage
- Verify cost savings
- Track student arc time

VISUAL CUES

Optional graphic overlays give students real time welding techniques feedback.



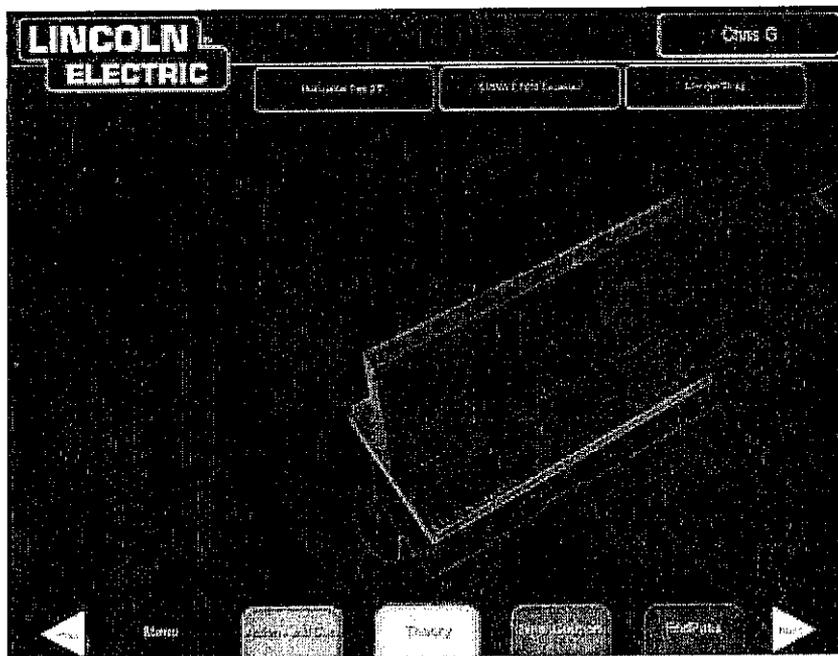
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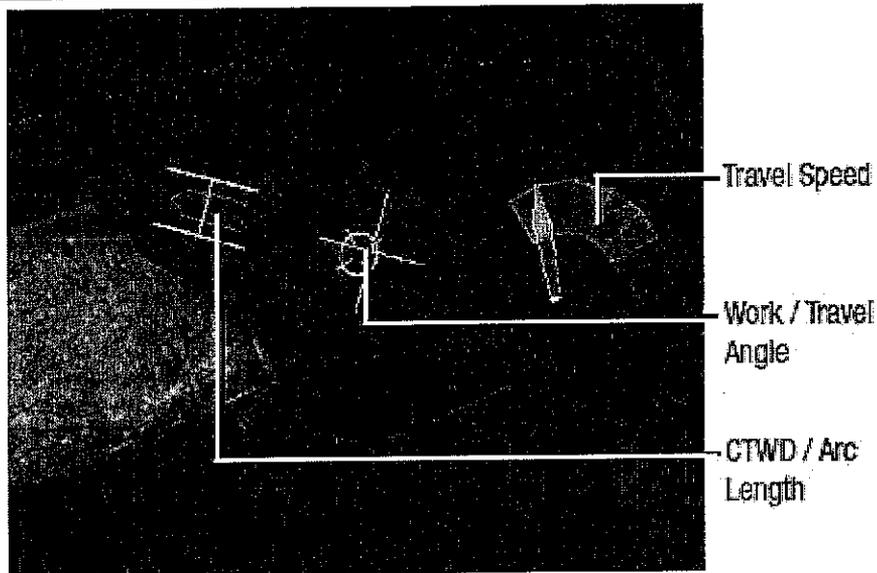
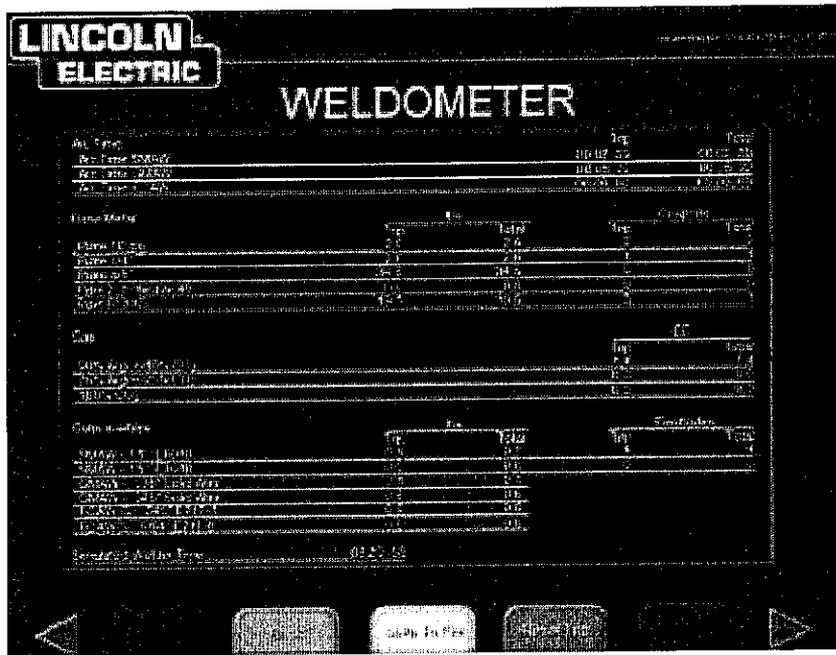


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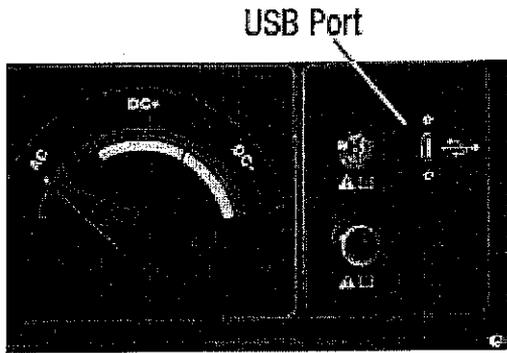


NEW LESSONS IN VRAW™ VIRTUAL REALITY ARC WELDING CURRICULUM - COMING FALL 2011!

Helps instructors integrate VR Welding into traditional welding training. Recommendations on amount of time spent in the welding lab versus traditional booth time, welding lessons and supporting resources and curriculum.

USB PORT FOR FILE TRANSFER

When a USB memory device is inserted into the front of the VRTEX®, when the student presses the "End pass" button, the information is saved as a .pdf file onto the device. The student reports include all of the information shown on the graphing

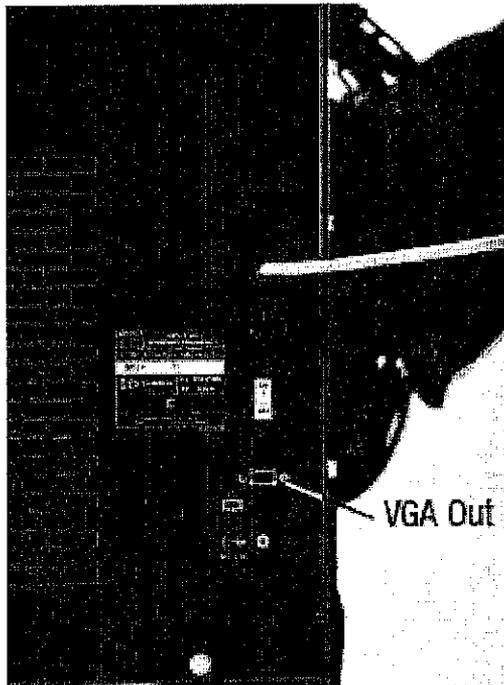


INSTRUCTOR MODE

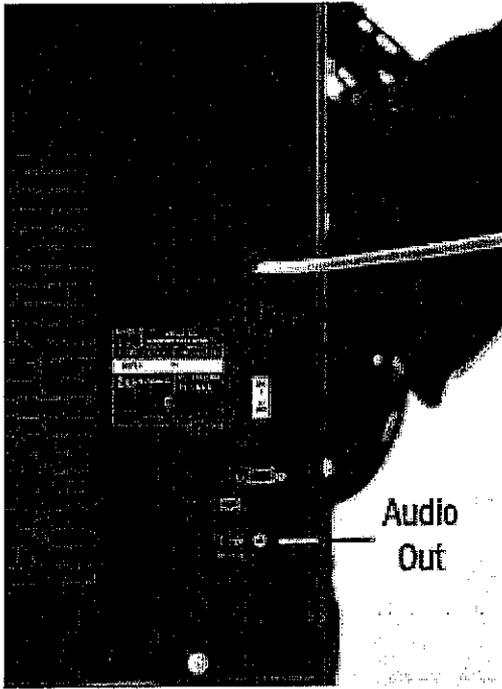
Use the key on the front of the machine to enter the instructor preference mode.

- Use Lincoln Electric Welding School defaults - Train your students the Lincoln way.
- Customize your system - Fine tune student experience through modification of preferred welding technique weld procedu tolerances.

VGA OUT FOR SYSTEM DISPLAY ON EXTERNAL MONITOR OR PROJECTOR



AUDIO JACK





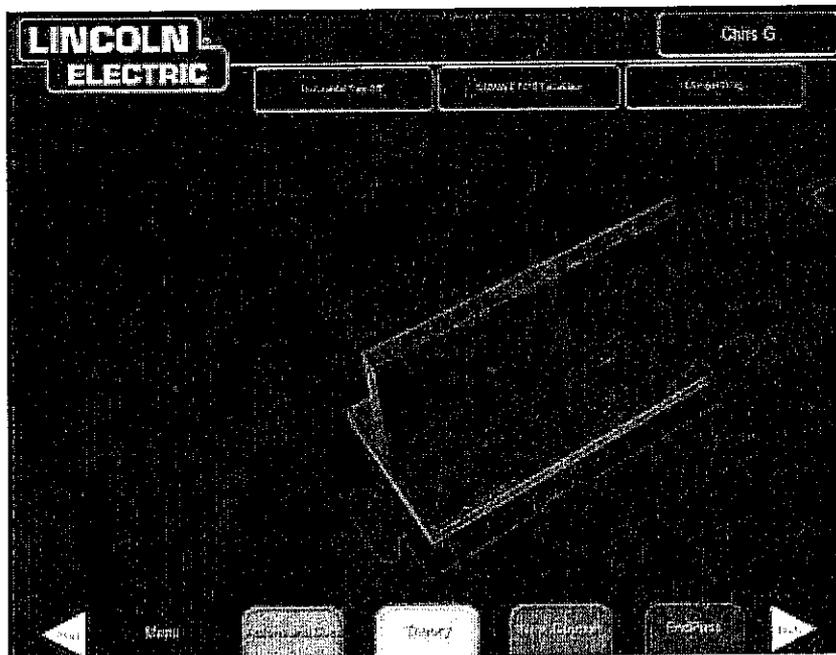
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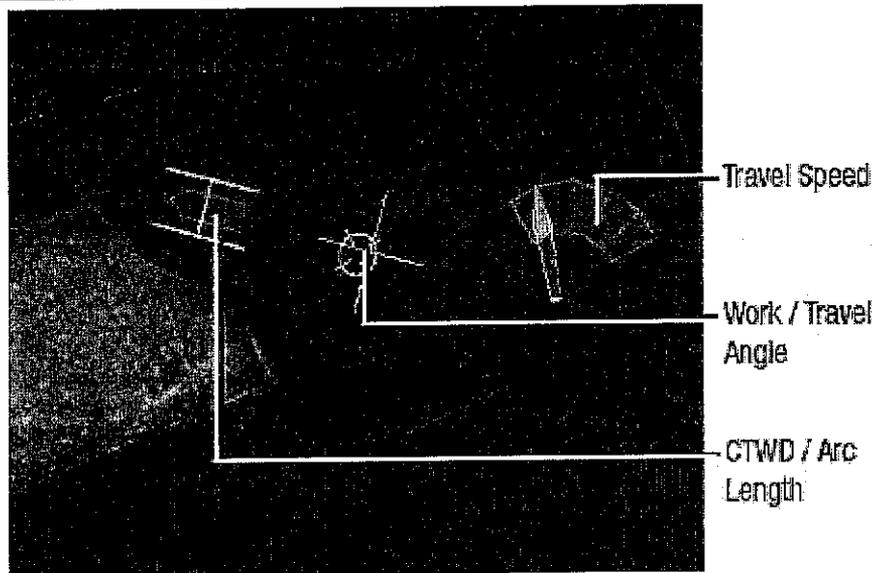
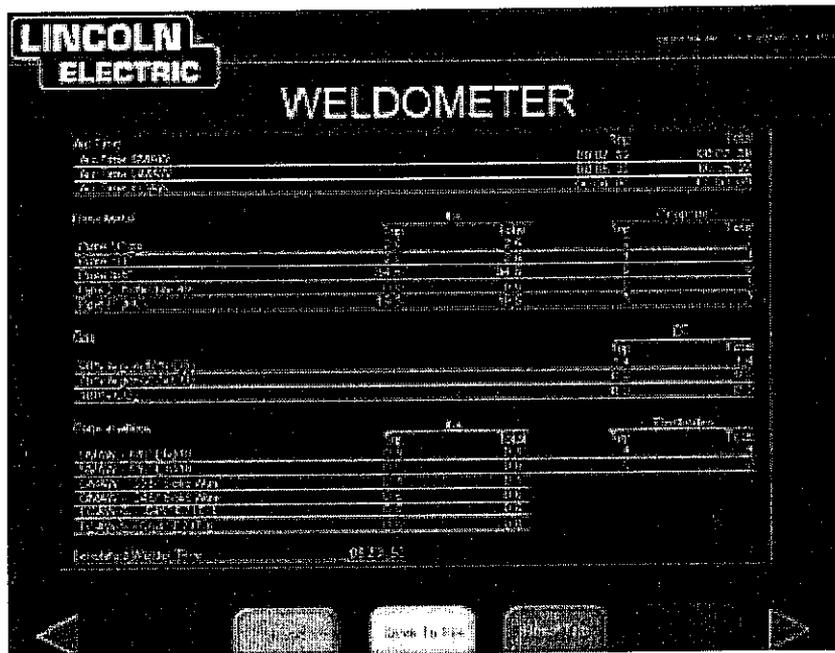


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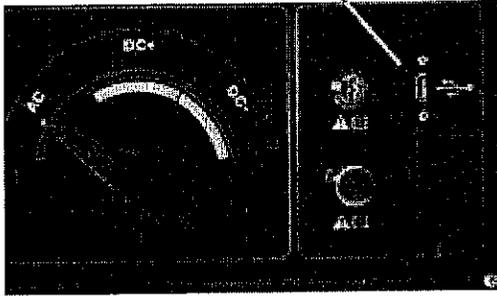
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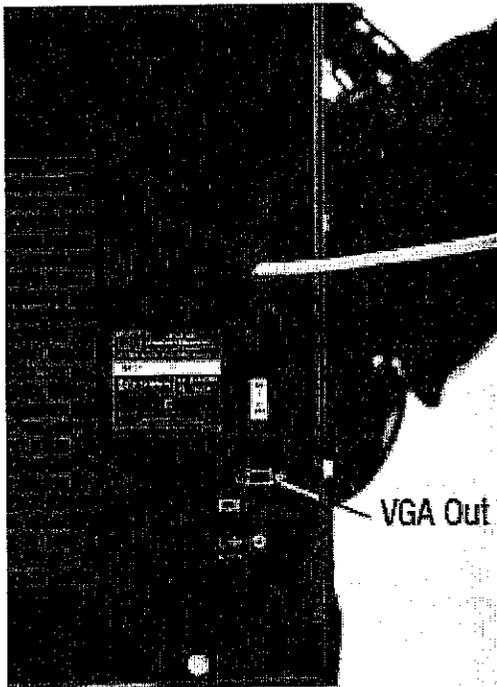


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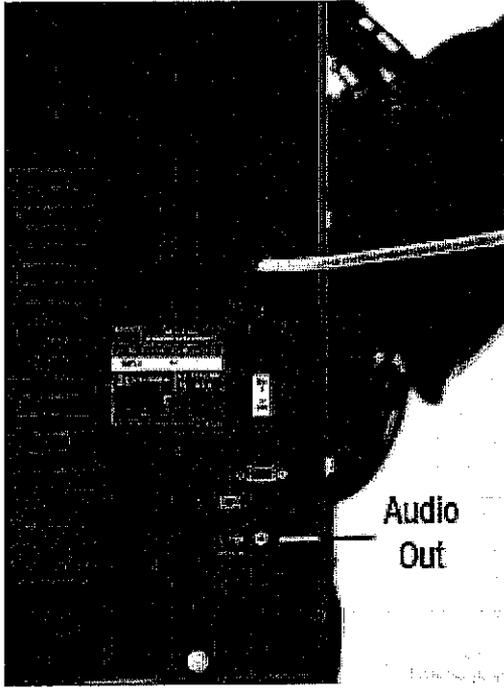
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