LiveArc™ System
Welding Performance Management System

Quick Specs

<table>
<thead>
<tr>
<th>Processes</th>
<th>Welding Positions</th>
<th>Joints</th>
<th>Input Power</th>
<th>Rated Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIG (GMAW)</td>
<td>T-joint</td>
<td>T-joint (square groove)</td>
<td>120 V, 60 Hz</td>
<td>SmartGun: 400 A at 60% duty cycle (GMAW)</td>
</tr>
<tr>
<td>Gas-shielded flux-cored (FCAW-G)</td>
<td>Butt joint (square groove)</td>
<td>Lap joint</td>
<td></td>
<td>SmartStinger: 250 A at 60% duty cycle (SMAW)</td>
</tr>
<tr>
<td>Stick (SMAW)</td>
<td>2F–4F, 1G–4G</td>
<td>Single v-groove</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Single-bevel groove</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The reality-based recruiting, screening, training, and re-qualification solution for industrial, manufacturing and educational markets.

While utilizing a live arc, the intuitive system promotes user independence and provides objective, quantitative feedback on key performance parameters.

LiveArc GMAW/FCAW system comes complete with:
- SmartGun with 15 ft. (4.6 m) cable
- Calibration tool
- Two table clamps
- C-clamp assembly
- Removable arm extension for right- and left-hand applications
- Extra Bernard consumables:
  - Five each of .035, .045 and .052 in. contact tips
  - One each of 5/8-bore 1/8-stickout, 5/8-bore 1/8-recess, and 5/8-bore flush heavy-duty nozzle

LiveArc GMAW/FCAW/SMAW system includes above plus:
- SmartStinger with 12 ft. (3.7 m) cable
- 15 ft. (4.6 m) Dinse-style cable
- Router box
- Software update for SMAW applications

LiveArc GMAW/FCAW/SMAW system shown.

Better Training
Faster Results
More Cost Effective

Welder is warranted for one year, parts and labor.

Miller Electric Mfg. LLC
An ITW Welding Company
1635 West Spencer Street
P.O. Box 1079
Appleton, WI 54912-1079 USA

Equipment Sales US and Canada
Phone: 866-931-9730
FAX: 800-637-2315
International Phone: 920-735-4554
International FAX: 920-735-4125

MillerWelds.com
**LiveArc® System Features**

**Powerful industrial computer** at the heart of the system features solid-state technology and filterless, fanless cooling. Compatible with Miller power sources.

**Motion-tracking cameras** provide feedback on gun parameters and accommodate flexible coupon placement.

**Touch screen monitor** works with a gloved hand and features a 21.5-inch widescreen HD display.

**Welding positioning arm** allows for training in out-of-position GMAW, FCAW and SMAW applications.

**ArcStation™ base** features a 1/2-inch reversible steel table top and ships complete with drawers, gun holder, quick-release clamps and heavy-duty casters for mobility.

**SmartGun** is a glove-friendly, industry-exclusive 400-amp MIG gun featuring built-in LEDs that are tracked by the system’s cameras. The ergonomic soft-grip handle provides tactile vibration feedback that helps guide real-time performance adjustments, reinforcing optimal position and movement. The **OLED display** on the SmartGun provides initial visual feedback to guide proper gun positioning. Pushbuttons provide a convenient alternative to the touchscreen for navigation.

**SmartStinger** extends training capabilities to the SMAW process. LiveArc guides pre-weld positioning for travel and work angles via the LiveArc display.

**LiveArc PC software** is available for free installation on a separate PC. Data can be transferred to and from PC for reviewing student progress and managing assignments/users.

**Multi-pass groove and fillet assignments** designed by Miller are included along with the capability to develop customized assignments based on user applications.

**English and Spanish language options** are available on all LiveArc systems.

---

**Specifications (Subject to change without notice.)**

<table>
<thead>
<tr>
<th>Input Power</th>
<th>Processes</th>
<th>Welding Positions</th>
<th>Multi-Pass</th>
<th>Rated Output</th>
<th>Electrode Diameter</th>
<th>Computer</th>
<th>Monitor</th>
<th>Dimensions</th>
<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V, 60 Hz Compatible with Miller power sources</td>
<td>GMAW, GMAW-S, GMAW-P, FCAW-G</td>
<td>2F–4F, 1G–4G</td>
<td>Groove and fillet up to 1 in. (25 mm) plate</td>
<td>SmartGun 400 A at 60% duty cycle (mixed gases)</td>
<td>SmartGun Up to 5/64 in. (2.0 mm)</td>
<td>Intel core i7, 128 GB SSD, fanless cooling, HDMI port supports most secondary monitors (not included)</td>
<td>21.5 HD LCD touch screen display</td>
<td>H: 77.5 in. (1,969 mm) W: 46 in. (1,168 mm) D: 31 in. (787 mm)</td>
<td>GMAW/FCAW system 480 lb. (218 kg) GMAW/FCAW/ SMAW system 527 lb. (239 kg)</td>
</tr>
<tr>
<td>SMAW*</td>
<td>2F–4F, 1G–4G</td>
<td>Limited groove applications</td>
<td>SmartStinger 250 A at 60% duty cycle</td>
<td>SmartStinger Up to 1/8 in. (3.2 mm)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Not compatible with Auto-DIG feature found on some Miller® power sources.*
Intuitive User Interface

Assignment selection screen
- Guides the user through a range of targeted exercises
- Includes a library of assignments designed by Miller and the flexibility to configure customized assignments
- Offers assignment completion status, history summary and easy access to detailed performance history data

Welding procedure specification (WPS) screen
- Guides the user through proper selection and preparation of materials
- Provides correct power source and wire feeder settings
- Provides target values and limits for various parameters
- Assignment parameters can be configured to suit the skill level (and scoring potential) of the user
- Displays instructor-determined target score and assignment completion criteria

Post-weld feedback screen
- Data is provided following tests in both simulation and live-arc modes
- Performance feedback on various parameters is provided
- All test data is stored and allows for monitoring and evaluation
Genuine Miller® Accessories

LiveArc™ Stick Upgrade Module  301391
For systems currently with GMAW/FCAW only.
Includes SmartStinger with 12 ft. (3.7 m) cable, 15 ft. (4.6 m) Dinse-style cable, router box with mounting bracket, software update for SMAW applications, easy-clean dust tray, and dual-purpose holster.

Additional Information

Visit us on YouTube for informative videos on:

- What it is: https://youtu.be/9mjE9qqynMQ
- Set up: https://youtu.be/VvTNOMgeFvA
- ALMACO Testimonial: https://youtu.be/y1TQwrlF6B0

Ordering Information

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Stock No.</th>
<th>Description</th>
<th>Qty.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>LiveArc™ GMAW/FCAW System</td>
<td>907714</td>
<td>See front page for system components</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LiveArc™ GMAW/FCAW/SMAW System</td>
<td>907714001</td>
<td>See front page for system components</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accessories</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LiveArc Stick Upgrade Module</td>
<td>301391</td>
<td>For systems currently with GMAW/FCAW only</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date:  

Total Quoted Price: