



Weld Lab Solutions Guide

Build Your Weld Lab with Miller®

Not sure where to start when outfitting your weld lab? This quick reference guide will show you everything you need to make sure you have the right tools for setting your students up for success. The following are RECOMMENDATIONS and ESTIMATES only. Final configuration and pricing must be obtained from a qualified Miller Distributor.



Multimatic® 255



ArcStation™ 30FX



Spectrum® 625 X-TREME™



FILTAIR® SWX-D

Post-Secondary – Light Industry (1/4” and under material thickness)

| Application | Material | Description | Part Number | Estimated Cost (Miller MSP) |
|-------------------------|----------------------------|---|-------------|-----------------------------|
| Workstation | | ArcStation™ 30FX | 300837 | \$435 |
| MIG/Stick/TIG (DC only) | Steel, Stainless | Multimatic® 255 with Dual Cylinder Rack | 951768 | \$4,069 |
| Plasma Cutter | Steel, Stainless, Aluminum | Spectrum® 625 X-TREME™ 20 ft Torch | 907579001 | \$2,099 |
| Oxy-fuel | Steel, Stainless | Medium-Duty Kit | MBA-30510 | \$499 |
| Fume Extraction | | SWX Wall/column mounted system with telescoping arm | 951620 | \$8,004 |
| TOTAL | | | | \$15,106 |
| Optional Equipment | | | | |
| TIG (AC/DC)/Stick | | Syncrowave® 210 | 907596 | \$2,645 |



Millermatic® 350P



ArcStation™ 30FX



Dynasty® 280 DX



Spectrum 875® Auto-Line™

Post-Secondary – Heavy/Light Industry (Steel 3/8” and under, Aluminum 1/4” and under)

| | | | | |
|-----------------------|----------------------------|--|-----------|-----------------|
| Workstation | | ArcStation™ 30FX | 300837 | \$435 |
| Stick/MIG/TIG (AC/DC) | Steel, Stainless, Aluminum | Dynasty® 280 DX Air Cooled package with ArcReach® SuitCase® 12 | 951799 | \$11,142 |
| Pulsed MIG/Flux-cored | Steel, Stainless | Millermatic® 350P | 907300 | \$5,605 |
| Plasma Cutter | Steel, Stainless, Aluminum | Spectrum® 875 Auto-Line™ 20 ft Torch | 907584 | \$2,995 |
| Oxy-fuel | Steel | Heavy-Duty Kit | HBA-30510 | \$617 |
| Fume Extraction | | See Fume Extraction Options* | | |
| TOTAL | | | | \$20,794 |



Invision™ 352 MPa



ArcStation™ 30FX



Dynasty® 400



Spectrum 875®

Post-Secondary - Heavy Industry (3/8" and under material thickness)

| Application | Material | Description | Part Number | Estimated Cost (Miller MSP) |
|------------------------------------|----------------------------|--|-------------|-----------------------------|
| Workstation | | ArcStation™ 30FX | 300837 | \$435 |
| Stick/TIG (AC/DC) | Steel, Stainless, Aluminum | Dynasty® 400 package including cooler, torch kit, wireless foot control and cart | 951695 | \$11,332 |
| Pulsed MIG/Aluminum MIG/Flux-cored | Steel, Stainless, Aluminum | Invision™ 352 MPa with S-74 MPa MIGRunner™ and XR-Aluma-Pro™ | 951287 | \$12,342 |
| Plasma Cutter | Steel, Stainless, Aluminum | Spectrum® 875 | 907584 | \$2,819 |
| Oxy-fuel | Steel | Heavy-Duty Kit | HBA-30510 | \$617 |
| Fume Extraction | | See Fume Extraction Options* | 951639 | \$12,475.56 |
| TOTAL | | | | \$27,545 |



Multimatic® 220 AC/DC



ArcStation™ 30FX



Spectrum® 625 X-TREME™

Secondary (1/8" and under material thickness)

| | | | | |
|-----------------|----------------------------|------------------------------|-----------|----------------|
| Workstation | | ArcStation™ 30FX | 300837 | \$435 |
| Stick/TIG/MIG | Steel, Stainless, Aluminum | Multimatic® 220 AC/DC | 907757 | \$2,999 |
| Plasma Cutter | Steel, Stainless, Aluminum | Spectrum® 625 X-TREME™ | 907579001 | \$2,099 |
| Oxy-fuel | Steel | Medium-Duty Kit | MBA-30510 | \$529.00 |
| Fume Extraction | | See Fume Extraction Options* | | |
| TOTAL | | | | \$6,062 |



AugmentedArc®



LiveArc™

Training Solutions for Classroom and Welding Lab

| Application | Material | Description | Part Number | Estimated Cost (Miller MSP) |
|--|----------------------------|--|-------------|-----------------------------|
| Classroom: Augmented Reality Welding | Steel, Stainless, Aluminum | AugmentedArc® Augmented Reality Welding System | 951823 | \$25,700 |
| Accessory | | Multimatic® 220 AC/DC | 301395 | \$1,075 |
| Welding Lab: Motion Tracking Training (MG/Stick) | Steel, Stainless, Aluminum | LiveArc™ Welding Performance Management System | 907714001 | \$50,500 |

| Automation Solutions | | | |
|----------------------|--|-------------|--------------------------|
| Product | Description | Part Number | Estimated Cost |
| Welding Automation | Miller PerformArc™ 250M. All-in-one, full featured, small footprint, economical robotic welding system with manual turn-table with 250 lb. capacity per side | PA-250M | Call Miller for pricing. |



| Welding Career Trailer | | | | |
|---------------------------|----------------------------|--|-------------|-----------------------------|
| Application | Material | Description | Part Number | Estimated Cost (Miller MSP) |
| Workstation | | ArcStation™ 30FX | 300837 | \$435 |
| Stick/MIG/TIG (AC/DC) | Steel, Stainless, Aluminum | Dynasty® 280 DX Air Cooled package with ArcReach® SuitCase® 12 | 951799 | \$11,142 |
| Fume Extraction | | See Fume Extraction Options* | | Call Miller for pricing. |
| Optional Equipment | | | | |
| Plasma Cutter | Steel, Stainless, Aluminum | Spectrum® 625 X-TREME™ | 907579001 | \$2,099 |
| Oxy-fuel | Steel | Medium-Duty Kit | MBA-30510 | \$529 |
| Augmented Reality Welding | | AugmentedArc® Augmented Reality Welding System | 951823 | \$25,700 |



FILTAIR® 130



FILTAIR® MWX-S



FILTAIR® SWX-S



FILTAIR® Capture 5



FILTAIR® 4000-12000

| *Fume Extraction Options | | | | |
|------------------------------|---|--------------------|-------------|-----------------------------|
| Product | Description | Accu-Rated Airflow | Part Number | Estimated Cost (Miller MSP) |
| FILTAIR® 130 | Small, portable system with adequate airflow | 132 CFM | 300595 | \$1,981 |
| FILTAIR® MWX-S | Mobile system with good airflow, self-cleaning filter and 10 ft. arm | 875 CFM | 951511 | \$9,113 |
| FILTAIR® SWX-S | Wall-mount system with good airflow and self-cleaning filter. (Additional dual arm configuration available) | 875 CFM | 951620 | \$8,994 |
| FILTAIR® SWX Dual Add on Kit | Telescoping arm that can be connected to the SWX to create a dual configuration | 875 CFM | 951621 | \$3,602 |
| FILTAIR® Capture 5 | Mobile system with good air flow, 5 ft. capture zone, self-cleaning filter and 10 ft. arm | 900 CFM | 951639 | \$12,476 |
| FILTAIR® 4000-12000 | Engineered solutions offering the best filter and cleaning technologies to effectively manage weld fume | Varies by system | Various | Call Miller for pricing. |

The following are suggestions only. Pricing is Miller Suggested Pricing (MSP). Final cost must be determined by a qualified Miller Distributor.

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