



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. For a more tailored solution visit our Weld Lab Calculator at MillerWelds.com. 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



FILT AIR® 130



FILT AIR® MWX-S



FILT AIR® SWX-S



FILT AIR® Capture 5



FILT AIR® 4000-12000

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

© 2020 Miller Electric Mfg. LLC
Miller, the Miller logo, The Power of Blue and FILT AIR are registered trademarks of Illinois Tool Works, Inc.

