

# Get Control of Inspection Productivity

## New HMI Touch Screen Interface for Wet Bench Units



Automatically clamps the part, magnetizes the part, then unclamps the part

Automatically clamps the part, bathes the part with magnetic particle bath, magnetizes the part, then unclamps the part

Allows the operator to set magnetization time from 0.5 to 2 seconds

Automatically initiates two magnetizing shots



Improve Productivity

Increase Inspection Quality

Decrease Processing Time



Efficiency Upgrades Available

Time-Saving Standard Features

Intuitive Equipment Controls

## New Time-Saving Standard Features

	Target User	Function	Benefits
HMI Touch Screen Interface	Companies looking for a high-value wet bench unit to help increase processing time	Provides operator with better ease of use and more intuitive controls with a robust design	Improves productivity Increases inspection quality Decreases processing time Easy upgrades available
Adjustable Mag-Shot Timer	Companies who inspect parts for multiple customers	Allows the operator to set magnetization time from 0.5 to 2 seconds	Increases productivity by making the adjustment simple and readily accessible
Double Mag-Shot	Companies who must adhere to specifications which require two magnetizing shots for testing	Automatically initiates two magnetizing shots Operator enables this feature once instead of remembering to press the MAG button or push bar twice each time a part is tested	Increases repeatability Better inspection quality Increases productivity



## New Versatile Efficiency Upgrade Options

	Target User	Function	Benefits
Auto-Bath	Companies looking to decrease processing time for parts up to 22 inches long	Automatically clamps the part, bathes the part with magnetic particle bath, magnetizes the part, then unclamps the part	Decreases processing time by automating the magnetizing process
Auto-Mag	Companies looking to decrease processing time	Automatically clamps the part, magnetizes the part, then unclamps the part	Decreases processing time by automating part of the magnetizing process
Pneumatic Tailstock	Companies who inspect lengthy parts and require a long or extra-long frame	Automatically moves the tailstock along the rail for easy positioning	More ergonomic for the operator Reduce time to set tailstock Faster processing
Low-End Current Control	Companies who process small parts at lower amps and need tighter tolerances Companies who want to process a wide variety of parts on the same wet bench unit	Tightens the dial range for more precise amp control. Example: D-2060 low-end contact current range is 0-1500 amps (Range varies based on unit)	Versatile for many different inspection specification Efficient

		A-2030	AD-2045	ADH-2045	D-2060	D-2100
Contact Current Capacity	AC	3,000 amps	4,000 amp	4,000 amp	-	-
	HWDC	-	-	5,000 amp	-	-
	FWDC, 1 phase	-	5,000 amp	-	-	-
	FWDC, 3 phase	-	-	-	6,000 amp	10,000 amp
Demagnetizing		AC, decaying	AC, decaying	AC, decaying	DC, reversing	DC, reversing
Duty Cycle		ON: 0.5 sec OFF: 10 sec	ON: 0.5 sec OFF: 20 sec			
HMI Touch Screen Interface		✓	✓	✓	✓	✓
Adjustable Mag-Shot Timer		✓	✓	✓	✓	✓
Double Mag-Shot		✓	✓	✓	✓	✓
Auto-Bath		new option				
Auto-Mag		new option				
Pneumatic Tailstock		new option	new option	new option	new option	-
Low-End Current Control		-	-	-	new option	new option

Magnaflux A- and D-Series Wet Bench Units with **HMI Touch Screen Interface** offer intuitive equipment controls, time-saving standard features like adjustable mag-shot timer and double-mag shot, and productivity upgrade options like auto-bath or auto-mag to automate the magnetizing process. The result is an easy-to-use, durable, dependable Wet Bench Unit ideal for companies looking for a high-value solution to improve productivity, increase inspection quality, and decrease processing time.

If your company is looking for a **value solution** to improve productivity contact your local Magnaflux Regional Sales Manager or find additional details on A- and D-Series Wet Bench Units with HMI Touch Screen Interface on our website at [magnaflux.com](http://magnaflux.com).

Don't know your Magnaflux Regional Sales Manager? Contact us at (847) 657-5300 or email [cs@magnaflux.com](mailto:cs@magnaflux.com).

