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Magnetic Coils, Models & Summary

Model	Description	I.D.		Amperes & Voltage		Amp	Comments				
		In (lbs)	Mm (kg)			Turns/					
						Gauss					
	WA-Series Magnetizing Coils										
WA-8	AC Coil	8in 11lbs	201mm 5.5kg	13 Amps 6.5 Amps	115V/60Hz 230V 50Hz	3,250	Used with Wet/Dry Method Media for Magnetization applications. Normally used to find transverse cracks in Tubes/Pipes, Shafts/Bars, or Small Parts. Foot Switch Optional. 115/60 or 230/50 (WA-8K)				
WA-10	AC Coil	10in 15lbs	254mm 7.5kg	15 Amps 8 Amps	115V/60Hz 230V 50Hz	3,150	Used with Wet/Dry Method Media for Magnetization applications. Normally used to find transverse cracks in Tubes/Pipes, Shafts/Bars, or Small Parts. Foot Switch Optional. 115/60 or 230/50 (WA-10K)				
WA-12	AC Coil	12in 15lbs	305mm 7.5kg	16 Amps 9 Amps	115V/60Hz 230V 50Hz	3,050	Used with Wet/Dry Method Media for Magnetization applications. Normally used to find transverse cracks in Tubes/Pipes, Shafts/Bars, or Small Parts. Foot Switch Optional. 115/60 or 230/50 (WA-12K)				
WA-14	AC Coil	14in 17lbs	355mm 8kg	16 Amps 9 Amps	115V/60Hz 230V 50Hz	2,875	Used with Wet/Dry Method Media for Magnetization applications. Normally used to find transverse cracks in Tubes/Pipes, Shafts/Bars, or Small Parts. Foot Switch Optional. 115/60 or 230/50 (WA-14K)				

Model	Description	I.	D.	Amperes	s & Voltage	Amp	Comments				
		In (lbs)	Mm (kg)			Turns/ Gauss					
	WP-Series Magnetizing/Demagnetization Coils										
WP-8	AC only Coil	8in 11lbs	201mm 5.5kg	13 Amps 6.5 Amps	115V/60Hz 230V 50Hz	3250 AC	Base model of these Small ID Medium Duty Coils. Up-gradable with DC Options, to allow these Coils to be full feature for greater inspection capabiliies.115/60 or 230/50 (WP-8K)				
WP-8D	AC and DC Coil	8in 13lbs	201mm 6kg	13 Amps 6.5 Amps	115V/60Hz 230V 50Hz	3250 AC 6000 DC	Base AC / DC model of these Small ID Medium Duty Coils. Up-graded with DC Option, to allow surface and sub-surface inspection capabilities.115/60 or 230/50 (WP-8DK)				
WP-8DV	AC with Variable DC Coil	8in 15lbs	201mm 7.5kg	13 Amps 6.5 Amps	115V/60Hz 230V 50Hz	3050 AC 0 to 6000DC	AC / Variable DC model of these Small ID Medium Duty Coils. Up-graded with Variable DC Option, to allow surface and sub-surface inspection capabilities.115/60 or 230/50 (WP-8DVK)				
WP-8DVR	AC with Variable & Reversing DC Coil	8in 17lbs	201mm 58.5kg	13 Amps 6.5 Amps	115V/60Hz 230V 50Hz	2875 AC +/- 0 to 6000DC	AC / variable and Reversable DC model of these Small ID Medium Duty Coils. Up- graded with Varriable and Reversting DC Option, to allow Reversing DC Demag capabilities.115/60 or 230/50 (WP-8DVRK)				
WP-10	AC only Coil	10in 11lbs	254mm 5.5kg	15 Amps 8 Amps	115V/60Hz 230V 50Hz	3250 AC	Base model of these mid-Size Medium Duty Coils. Up-gradable with DC Options, to allow these Coils to be full feature for greater inspection capabiliies.115/60 or 230/50 (WP-10K)				
WP-10D	AC and DC Coil	10in 12lbs	254mm 6kg	15 Amps 8 Amps	115V/60Hz 230V 50Hz	3050 AC 6000 DC	Base AC / DC model of these mid-Size Medium Duty Coils. Up-graded with DC Option, to allow surface and sub-surface				

WP- 10DV WP- 10DVR	AC with Variable DC Coil AC with Variable & Reversing DC Coil	10in 12lbs 10in 15lbs	254mm 6kg 254mm 5.5kg	15 Amps 8 Amps 15 Amps 8 Amps	115V/60Hz 230V 50Hz 115V/60Hz 230V 50Hz	3050 AC 6000 DC 2,875 AC +/- 0 to 6000 DC	inspection capabilities.115/60 or 230/50 (WP-10DK) AC / Varriable DC model of these mid-Size Medium Duty Coils. Up-graded with DC Option, to allow surface and sub-surface inspection capabilities.115/60 or 230/50 (WP-10DVK) AC / Varriable and Reversable DC model of these mid-Size Medium Duty Coils. Upgraded with Varriable and Reversting DC Option, to allow Reversing DC Demag
							capabilities.115/60 or 230/50 (WP-10DVRK)
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WP-12	AC only Coil	12in 11lbs	305mm 5.5kg	16 Amps 9 Amps	115V/60Hz 230V 50Hz	3250 AC	Base model of these Larger Size Medium Duty Coils. Up-gradable with DC Options, to allow these Coils to be full feature for greater inspection capabiliies.115/60 or 230/50 (WP-12K)
WP-12D	AC and DC Coil	12in 15lbs	305mm 5.5kg	16 Amps 9 Amps	115V/60Hz 230V 50Hz	3250 AC 6000 DC	Base AC / DC model of these Larger Size Medium Duty Coils. Up-graded with DC Option, to allow surface and sub-surface inspection capabilities.115/60 or 230/50 (WP-12DK)
WP- 12DV	AC with Variable DC Coil	12in 15lbs	305mm 5.5kg	16 Amps 9 Amps	115V/60Hz 230V 50Hz	3050 AC 0 to 6000DC	AC / Varriable DC model of these Larger Size Medium Duty Coils. Up-graded with DC Option, to allow surface and sub- surface inspection capabilities.115/60 or 230/50 (WP-12DVK)
WP- 12DVR	AC with Variable & Reversing DC Coil	12in 15lbs	305mm 5.5kg	16 Amps 9 Amps	115V/60Hz 230V 50Hz	3050 AC +/- 0 to 6000DC	AC / Varriable and Reversable DC model of these Larger Size Medium Duty Coils. Up-graded with Varriable and Reversting DC Option, to allow Reversing DC Demag capabilities.115/60 or 230/50 (WP-12DVRK)

WP-14	AC only Coil	14in 17lbs	355mm 8kg	18 Amps 10 Amps	115V/60Hz 230V 50Hz	2875 AC	Base model of these Larger Size Medium Duty Coils. Up-gradable with DC Options, to allow these Coils to be full feature for greater inspection capabiliies.115/60 or 230/50 (WP-14K)
WP-14D	AC and DC Coil	14in 17lbs	355mm 8kg	18 Amps 10 Amps	115V/60Hz 230V 50Hz	2875 AC 6000 DC	Base AC / DC model of these Larger Size Medium Duty Coils. Up-graded with DC Option, to allow surface and sub-surface inspection capabilities.115/60 or 230/50 (WP-14DK)
WP- 14DV	AC with Variable DC Coil	14in 17lbs	355mm 8kg	18 Amps 10 Amps	115V/60Hz 230V 50Hz	2875 AC 6000 DC	Base AC / DC model of these Larger Size Medium Duty Coils. Up-graded with DC Option, to allow surface and sub-surface inspection capabilities.115/60 or 230/50 (WP-14DK)
WP- 14DVR	AC with Variable & Reversing DC Coil	14in 17lbs	355mm 8kg	18 Amps 10 Amps	115V/60Hz 230V 50Hz	2,875 AC +/- 0 to 6000 DC	AC / Varriable and Reversable DC model of these Larger Size Medium Duty Coils. Up-graded with Varriable and Reversting DC Option, to allow Reversing DC Demag capabilities.115/60 or 230/50 (WP-12DVRK)
				WC Com	ioo Maanatini	n a Caila	
				ws-ser	ies Magnetizi	ng Colls	
WS-8	Pulsed DC Drill Pipe Coil	8in 14lbs	201mm 7kg	15 Amps 15 Amps (Inrush	115V/60Hz 230V 50Hz Current)	17,000 DC (@1Hz) 1,125 Gauss	Pulsed Drill Pipe Coil, with fixed DC output. Using our specialized Capacitive Discharge Power Supply, that pulses once per second. 50% Duty Cycle.115/60 or 230/50 (WS-8K)
WS-10	Pulsed DC Drill Pipe Coil	10in 16lbs	254mm 8kg	15 Amps 15 Amps (Inrush	115V/60Hz 230V 50Hz Current)	16.000 DC (@1Hz) 800 Gauss	Strong DC Field like the old Drilco Pulse Coils. WS Coils are activated intermitently with our durable Endrgize Button.

WS-12	Pulsed DC Drill Pipe Coil	12in 18lbs	305mm 8.5kg	15 Amps 15 Amps (Inrush	115V/60Hz 230V 50Hz Current)	15,500 DC (@1Hz) 620 Gauss	4 ID Sizes; 8" (203mm), 10" (254mm), 12" (305mm), and 14" (356mm),
WS-14	Pulsed DC Drill Pipe Coil	14in 19lbs	355mm 8.6kg	15 Amps 15 Amps (Inrush	115V/60Hz 230V 50Hz Current)	15,000 DC (@1Hz) 580 Gauss	Powerful DC Pulse, once per second from a our CD (Capacitive Discharge) Power Supply. Results in a strong Residual Field Meets requirments for an Active Field Inspection
			WD-S	eries Magn	etizing/Dema	gnetizatior	n Coils
WDV-8	DC Coil	8.5in	216mm	13 Amps 6.5 Amps	115V/60Hz 230V 50Hz	12,500	1. The Size (Inside Diameter) of WD-Series Coils is to be sized to the physical size of the Work Piece to be inspected. Based on 1000 Amps per inch of ID.
WDV-10	DC Coil	10.5in	267mm	13 Amps 6.5 Amps	115V/60Hz 230V 50Hz	12,000	2. All WD-Series Coils have an integral Variable Amperage Power Supply, built into the integral Control Panel mounted or the top of the Coils.
WDV-14	DC Coil	14in	368mm	13 Amps 6.5 Amps	115V/60Hz 230V 50Hz	14,000	3. The Power Supply includes Infinitely Variable Amperage, Switched Reversible Polarity, and an LCD which always Displays the Amperage setting.
WDV-16	DC Coil	16in	406mm	13 Amps 6.5 Amps	115V/60Hz 230V 50Hz	16,000	4. WD-Series Coils are manufactured specifically for either 115VAC x 60Hz, or 230VAC x 50Hz power input Other Voltages can be accommodated
WDV-25	DC Coil	25in	635mm	13 Amps 6.5 Amps	115V/60Hz 230V 50Hz	24,000	6. WD-Series Coils (under 14"/368mm) have an optional Automatic Ring-Down (Demagnetization) Option. For fast, reliable, & repeatable Demagnetization.
	VD-Series Coi ne End of the				ve AC Option.	AC is	7. The Removable Power Cord is for operators who may want extra mobility without the use of an Extension Cord.

Encapsulated in urethane rubber. Ergonomically designed for comfort and use.	8. Pulse DC Option aids in particle mobility
	and ensures the ability to perform an
	Active Field Inspection.
All units supplied with 2.5m (8') 3-16 SOOW power cord.	9. See Web Document Coil Options for all
	available Options.
WD Options	
'K' - Added to any coil designation designates 230VAC 50Hz (Frequency may aff	ect output) CSA, UL, (6
1 - Supplementary Feet also act as handles to aid handling, furthermore they pro	vide a base to keep the coil from rolling.
2 - Standard Foot Switch recommended for high throughput. Also available on W	/P-Series Models. Included on WA-Series
Models or Energize Button at no cost.	
Removable Foot Switch, permits operation with our without the connection of	the Foot Switch
Water Resistant Foot Switch, used in particularly Wet environments with high	throughput
3 - Pulsed DC, permits the operator to perform an Active Field Inspection with a F	Pulsing Field (80 pulses per minute).
4 - ID Wear Bars - Upper, to protect the Top Inside Surface of the Coil (Coil drage	ged on surface of the work piece)
ID Wear Bars Lower, to protect the Bottom Inside Surface of the Coil (Work pi	ece being dragged on the lower surface)
Side ID Wear Bars, for large workpieces or Pipeline Preweld Demagnetization	
5 - AC Option, is 4000 Amp Turns on WD-Series Coils 16"ID and under. Not ava	ilable on WDV-18 and Larger Coils. While
the AC Option permits AC testing, it also aids Demag procedures as well.	
6 - Automatic Ring-Down for High throughput Demagnetization on common parts	•
7 - Removable Power Cord, for Rough Operators	
8 - Control Housing Liftiing Lugs, for hanging smaller ID Coils, or Lifting larger ID	(Heavy) Coils
9 - Pipe End Centralizer Assemblies, for Pipeline Preweld Demagnetizaion	
40. Demote Controls are used taken the exercise coult reach the standard Control	ala an tan af the Cail an the One nate: :: : : : : : :