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		Yoke Model List & Summa	ry February 2018						
Model	Description	Comments see Brochures at www.westerninstruments.com	Applications	Poles (In to Outside)	Minimum Pull	Switch Type Index finger activation (Left or Right)			
		Standard Yokes				Standard Yokes			
WE-3	Standard AC Yoke	Manufactured with an economical Standard Switch (Licon Type II), SJOW vinyl Power Cord, Heyco Strain Relief and Slip in Switch Cover. This unit compares to competitive yokes. Not recommended for Wet Method Inspection Media. 115/60 or 230/50 VAC Input / 6 or 12 VDC (intermittent)	Not recommended for Wet Method Media due to switch and unsealed wiring.	0 -11" (0-280mm)	10 Pounds (4.5 Kg)	Full current, not sealed			
WE-3HD	Heavy Duty Standard AC Yoke	Based on the Compact Frame, uses standard Micro Switch and exclusive slip in Switch Cover. The WE-3HD uses the WC-Series End Cap and Strain Relief System making it the most durable and maneuverable Standard AC Yoke in the industry. AC supply or 6 or 12 VDC	To avoid shocks when using Wet Method Media, regular 'Drying' of switch cavity is required. AC Voltages for Intermittent use with 6 or 12V DC.	0 -11" (0-280mm)	10 Pounds (4.5 Kg)	Full current, not sealed. Slip in Switch Cover			
WE-3LT	Ultra Light and Small AC Yoke	Based on extensive R&D, this is the Worlds lightest AC Yoke, and designed for small hands. Due to the smaller contact area of the Pole Pieces, operators must be mindful of positioning for Testing, and during a Pull Test. AC Supply or 6 or 12 VDC (Intermittent)	Uses a standard Yoke Switch. Best suited to Dry Method. AC Voltages for Intermittent use with 6 or 12V DC.	0-11" (0-280mm)	10 Pounds (4.5 Kg)	Full current, not sealed. Slip in Switch Cover			
		Safety and Premium Yokes	Safety	Safety and Premium Yokes					
WC-6	Compact AC Yoke	The WC-6 is the industry's Safety AC Yoke. The electrical load is taken by an Electronics Module protected by the Junction Tube and Strain Relief Assembly. Thus, the switch only conducts 1/2 Watt of load. Furthermore, the switch itself is grounded and sealed. The Switch Cover is also sealed, allowing the switch to last indefinately with minimal risk of electrical shock. 115/60 or 230/50 VAC input	Best suited for Wet Method Media but can also be used with Dry Method Media. Suitable for damp environments. AC Voltage Only. Confined work areas.	0 -11" (0-280mm)	AC - 10 Pounds (4.5 Kg)	Signal only, 50 mA and sealed. Safety Switch®			
WC-6W	Compact Water Resistant AC Yoke	Almost identical to the WC-6 but designed for wet environments (IP67), shallow submergence and Ultrasonic Cleaning to remove radioactive contaminants. The only underwater AC Yoke with a relatively standard Switch. 115/60 or 230/50 VAC input only.	General use with Wet environments. AC Voltages Only. Confined work areas. Rated at maximum depth of 10' for 24 hours.	0 -11" (0-280mm)	10 Pounds (4.5 Kg)	Signal only, 50 mA and sealed. Safety Switch®			
WC-8	Compact, Battery Operated 12V DC Yoke	Available with 3 sizes of Battery Packs; 3, 7, & 12 Amp Hour (2 Hours of Continuous use/Amp Hour). 115 or 230 Volt battery chargers. Electronics Module (similar to WC-6) 'Chops' DC Waveform (at approximately 125Hz) to slightly aid Particle Mobility.	General use with Wet or Dry Method Media. 12V DC Only. Highly portable and Low Voltage safety.	0 -11" (0-280mm)	50 Pounds (23 Kg)	Signal only, 50 mA and sealed. Safety Switch®			
WE-7	Compact AC/DC Yoke (Variable DC)	The smallest, lightest, and most maneuverable AC/DC Yoke in the industry. Well protected Toggle Switch allows Operator Selection of an AC or DC Field. Well protected DC Intensity Potentiometer allows Infinitely Variable output. Based on the Compact Frame using a standard Micro Switch and exclusive Slip in Switch Cover. Models for 115/60 or 230/50 VAC Input. Specifications limit pole spacing to 6" (152mm) in DC mode	General use with Wet or Dry Method Media. AC Voltages Only. DC provides sub surface (1mm) sensitivity. Excellent for confined work areas.	0 -11" (0-280mm)	AC - 10 Pounds (4.5 Kg) DC - 50 Pounds (23 Kg)	Full current, not sealed. Slip in Switch Cover			
		Specialty Yokes			Specialty Yokes				
W-6CS	AC Cavity Yoke	AC Cavity Yoke allows the operator to inspect inside tight cavities, such as Cylinders Bores, without having to spray his hand (or the switch) with wet method media. The W-6CS is also water resistant, to shallow submergence, expected in tight spaces or unusual geometries.	Pump Housings, ID Threads (Box Ends), Cylinder Bores, Complex Structural Steel, Ship Hulls, Nozzles, etc.	0-15" (0-380mm)	10 Pounds (4.5 Kg)	Full Current, Fluid Seal, Sealed Switch Cover.			
WC-6UW	Compact Underwater Yoke	Is based on the WC-6 Platform, however designed for underwater use. The WC-6UW power is supplied from a switchable <i>Top Side</i> power supply; 115 or 230 VAC, <i>Pulsed DC</i> or a 12 Volt battery. The WC-6UW is supplied with 250 feet (76m) of special Urethane Power Cable, or at a lower cost with a 6' Urethane Pig Tail for installing a suitable connector or for splicing onto.	Typical Underwater Environments or extremely Wet Industrial Environments.	0 -11" (0-280mm)	AC - 10pds (4.5kg) DC - 50pds (23kg)	N/A			

WC-6X2	Compact High Lift AC Yoke	Similar to the WC-6, but with 'High Lift' for reliable 'Thru Coating' or Large Area Inspection. Like all WC-Series Yokes, when properly grounded, there is a low risk of electrical shock. Models for 115/60 or 230/50 VAC input.	General use with Wet or Dry Method Media. Thru Coatings or Large Area. AC Voltage Only	0 -11" (0-280mm)	20 Pounds (9.1 Kg)	Signal only, 50 mA and sealed. Safety Switch®	
WC-9	Compact Cordless Yoke	Illustrating Western's innovative technology with the world's only Compact Cordless Yoke. Replaceable 13.2 Volt Nickle Metal Hydride Battery Pack. 2 hours continuous operation (for typical 8 hour shift). Chargers available in 115 or 230 VAC.	Designed for Hazardous Environments where 'Hot Permits' are required. 13.2V Battery Pack with Replaceable Cells. Highly Portable and Low Voltage safety.	0 -11" (0-280mm)	50 Pounds (23 Kg)	Signal only, 50 mA and sealed. Safety Switch®	
WC-9UW	Compact Cordless Underwater Yoke	Rated to 61 meters (200'), with rear mounted Rotary on/off Switch for diver convenience. 13.2 Volt Sealed Nickel Metal Hydride Battery Pack. Chargers available in 115 and 230 Volt AC. Also suitable for Wet Environments and Aqueous Cleaning, like WC-6UW	13.2V Battery Pack with Integral Switch. Highly Portable. Rated to 61 meters (250').	0-11" (0-288mm)	50 Pounds (23 Kg)	Sealed Rotary Switch on Battery Pack.	
WC-24	South American AC Safety Yoke	Is based on the WC-6, and supplied from a standard 24 Volt Power Supply (12 Amps minimum), with an input voltage of 230/50. The WC-Series switching Module is rated to 25 Amps, thus a special power supply with an external trigger signal, is not required.	Complies with South American Safety Regulations for Hazardous Environments such as Confined Vessels	0-11" (0-2880mm)	10 Pounds (4.5 Kg)	Signal only, 50 mA and sealed. Safety Switch®	
WC-42	European AC Safety Yoke	Is based on the WC-6, and supplied from a standard 42 Volt Power Supply (7.5 Amps minimum), with an input voltage of 230/50. The WC-Series switching Module is rated to 25 Amps, thus a special power supply with an external trigger signal, is not required.	Complies with European Safety Regulations for Hazardous Environments such as Confined Vessels	0-11" (0-2880mm)	10 Pounds (4.5 Kg)	Signal only, 50 mA and sealed. Safety Switch®	
WC-48	Euorpean AC Safety Yoke	Is based on the WC-6, and supplied from a standard 48 Volt Power Supply (7.5 Amps minimum), with an input voltage of 230/50. The WC-Series switching Module is rated to 25 Amps, thus a special power supply with an external trigger signal, is not required.	Complies with European Safety Regulations for Hazardous Environments such as Confined Vessels	0-11" (0-2880mm)	10 Pounds (4.5 Kg)	Signal only, 50 mA and sealed. Safety Switch®	
,		Permanent Magnet Yokes	Permanent Magnet Yokes				
WM-5	Permanent Magnet Yoke	Certified 50 Pound (23Kg) Lift, will exceed 70 Pounds (32Kg) when new. Rotatable, Dual Contact Area Feet (Flat and 45° Angle). Field Replaceable Magnets. Specifications limit pole spacking to 6" (152mm).	Hazardous locations or where no electrical power is available.	0 -14" (0-350mm)	50 Pounds (23 Kg)	N/A	
WM-5LT	Light and Compact Permanent Magnet Yoke	Certified 50 Pound (23Kg) Lift, will exceed 60 Pounds (27.5kg) when new. Rotatable, Dual Contact Area Feet (Flat and 45° Angle). Field Replaceable Magnets. Specifications limit pole spacing to 6" (152mm).	Hazardous locations or where no electrical power is available.	0-14" (0-350mm)	50 Pounds (23 Kg)	N/A	
WM-5C	Cable Type Permanent Magnet Yoke	Certified 50 Pound (23Kg) Lift, willexceeds 70 Pounds (32kg) when new. Long connection cable allows Contact Poles to be configured to complex workpieces. Specifications limit pole spacing to 6" (152mm).	Hazardous locations or where no electrical power is available.	0 -23" (0-580mm)	50 Pounds (23 Kg)	N/A	
Comments/Notes			Comments/Notes				
		Comments/Notes	_				
"C" Desig	nation refers to Compact	Safety Platform - special Solid State Switch - sized large enough for use with gloves.	, UL & C elesignation where required.				
"E" Desig	nation refers to Economy	Safety Platform - special Solid State Switch - sized large enough for use with gloves.	, UL & Celesignation where required.	(except the W	M-5/5LT).		
"E" Design	nation refers to Economy I to any Model Number de	Safety Platform - special Solid State Switch - sized large enough for use with gloves standard yoke switch - sized large enough for use with gloves.	(1) UL & Celesignation where required. (1) UL & Celesignation where required. All Grips are Encapsulated in Urethane Rubber Ergonomically designed, comfortable to hold an	nd can be used	in any position with one	e hand.	
"E" Design "K" Added "LT" Give "UW" Des	nation refers to Economy I to any Model Number de In to products that are ligh I ignates Underwater usea	Safety Platform - special Solid State Switch - sized large enough for use with gloves standard yoke switch - sized large enough for use with gloves. esignates 220-240 VAC / 50Hz input power or battery charger voltage. ter weight than their Series counterparts. Sized large enough for use with gloves. ge. See specifications for depths.	(§), UL & Celesignation where required. (§), UL & Celesignation where required. All Grips are Encapsulated in Urethane Rubber Ergonomically designed, comfortable to hold an All models have articulated legs, except for customers.	nd can be used stom fixed leg n	in any position with one	e hand.	
"E" Design "K" Added "LT" Give "UW" Design "W" Design	nation refers to Economy I to any Model Number de In to products that are ligh I ignates Underwater usea I nates Wet Environments	Safety Platform - special Solid State Switch - sized large enough for use with gloves standard yoke switch - sized large enough for use with gloves. esignates 220-240 VAC / 50Hz input power or battery charger voltage. ter weight than their Series counterparts. Sized large enough for use with gloves.	(1) UL & Celesignation where required. (1) UL & Celesignation where required. All Grips are Encapsulated in Urethane Rubber Ergonomically designed, comfortable to hold an	nd can be used stom fixed leg noweather.	in any position with one	e hand.	