

Model	Comments	Model	Description	Applications	Poles	Lift Capacity
<b>Standard AC Yokes</b>		<b>Standard AC Yokes</b>				
<b>WE-3</b>	Manufactured with an economical Standard Yoke Switch (Lyon Type 11), SJOW Power Cord (vinyl), Hayco Strain Relief, Slip in Switch Cover. This is the unit that compares to competitive Yokes. 115/60 or 230/50 VAC Input / 6 or 12 VDC (Intermittent).	<b>WE-3</b>	Standard AC Yoke	Not recommended for Wet Method Media, due to standard switch and limited electrical protection.	0 -11" (0-280mm)	10 Pounds (4.5 Kg)
<b>WE-3HD</b>	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 manoeuvrable Standard AC Yoke in the industry. AC Supply or 6 or 12 VDC	<b>WE-3HD</b>	Heavy Duty Standard AC Yoke	To avoid shocks when using Wet Method Media, Regular 'Drying' of switch cavity is recommended	0 -11" (0-280mm)	10 Pounds (4.5 Kg)
<b>WE-3LT</b>	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)	<b>WE-3LT</b>	Ultra Light and Small AC Yoke	Uses a Standard Yoke Switch, best suited to Dry Method. AC Voltages or Intermittent use with 6 or 12 VDC	0-11" (0-280mm)	10 Pounds (4.5 Kg)
<b>Safety &amp; Premium Yokes</b>		<b>Safety &amp; Premium Yokes</b>				
<b>WC-6</b>	The WC-6 is the industry's <b>Safety</b> 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, and the Switch Cover is also sealed permitting the Switch to last indefinitely, with minimal risk of an electrical shock. 115/60 or 230/50 VAC Input only.	<b>WC-6</b>	Compact AC Yoke	Best suited for Wet Method Media, but can also be used with Dry Media. Suitable for damp environments. AC Voltage Only. Confined Work	0 -11" (0-280mm)	<b>AC</b> - 10 Pounds (4.5 Kg)
<b>WC-6W</b>	Almost identical to the WC-6, but manufactured for extremely wet environments, shallow submergence, or Ultrasonic Cleaning to remove radioactive contaminants. The only underwater(*) AC Yoke with a relatively standard Switch. 115/60 or 230/50 VAC Input only.	<b>WC-6W</b>	Compact Water Resistant AC Yoke	General use in Wet Environments. AC Voltages Only. Confined Work *Rated at 10' for 24 hours	0 -11" (0-280mm)	10 Pounds (4.5 Kg)
<b>WE-7</b>	The Smallest, Lightest, and most Manoeuvrable 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).	<b>WE-7</b>	Compact AC/DC Yoke (Variable DC)	General use with Wet or Dry Method Media. AC Voltages Only. DC provides sub surface (1mm) sensitivity. Excellent for confined work area.	0 -11" (0-280mm)	<b>AC</b> - 10 Pounds (4.5 Kg) <b>DC</b> - 50 Pounds (23 Kg)
<b>WC-8</b>	Compact, Battery Operated 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) <i>Chops</i> DC Waveform (at approximately 125Hz) to slightly aid Particle Mobility.	<b>WC-8</b>	Compact 12 Volt DC Yoke	General use with Wet or Dry Method Media. 12 VDC Only. Highly Portable, and Low Voltage Safety.	0 -11" (0-280mm)	50 Pounds (23 Kg)
<b>Special Yokes</b>		<b>Special Yokes</b>				
<b>WC-6X2</b>	Similar to the WC-6, but with <i>High Lift</i> for reliable <i>Thru Coating</i> or Large Area Inspection. Like all WC-Series Yokes, when properly grounded, there is a low risk of electrical shocks. Models for 115/60 or 230/50 VAC Input	<b>WC-6X2</b>	Compact High Lift AC Yoke	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)
<b>WC-6UW</b>	Based on the WC-6 Platform, however designed for Underwater use. The WC-6UW 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 a <i>Pig Tail</i> , or optionally with 250 feet (76m) of Power Cable.	<b>WC-6UW</b>	Compact Underwater Yoke	Typical Underwater Environments or extremely Wet Industrial Environments.	0 -11" (0-280mm)	<b>AC</b> - 10pds (4.5kg) <b>DC</b> - 50pds (23kg)
<b>WC-9</b>	Illustrating Western's innovative technology with the World's only Cordless Yoke. Replaceable 13.2 Volt Nickel Metal Hydride Battery Pack. 2 hours continuous operation (for typical 8 hour shift). Available with 115 or 230 Volt Battery Chargers.	<b>WC-9</b>	Compact Cordless Yoke	Rated to Class1, Div. II. Environments. 13.2V Battery Pack with Replaceable Cells. Highly Portable, & Low Voltage Safety.	0 -11" (0-280mm)	50 Pounds (23 Kg)
<b>WC-9UW</b>	Rated to 61 netters (200'), with a Rear mounted Rotary on/off Switch for Diver Convenience. 13.2 Volt Sealed Nickel Metal Hydride Battery Pack. Battery Chargers available in 115 and 230 Volt AC. Also suitable for Wet Environments and Aqueous Cleaning, like WC-6W	<b>WC-9UW</b>	Underwater Cordless Yoke.	13.2V Battery Pack with Integral Switch. Highly Portable. Rated to 61 meters (200').	0-11" (0-280mm)	50 Pounds (23 Kg)
<b>W-6CS</b>	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.	<b>W-6CS</b>	AC Cavity Yoke	Pump Housings, ID Threads (Box Ends), Cylinder Bores, Complex Structural Steel, Ship Hulls, Nozzles, etc.	0-15" (0-380mm)	10 Pounds (4.5 Kg)
<b>WE-24</b>	The WE-24 is based on the WE-3HD, and is supplied from our dedicated PD-24 Power Supply. Input Voltage is either 115/60 or 230/50. Western recommends the WC-8, WC-9 or WC-6W as more practical alternative due to the limited mobility to the Fixed Length Power Cord of the PD-24.	<b>WE-24</b>	Latin America AC Safety Yoke	The WE-24 complies with European and South American Safety Regulations for Hazardous Environments.	0-11" (0-280mm)	10 Pounds (4.5 Kg)
<b>WC-48</b>	The WE-48 is based on the WC-6, and is 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.	<b>WC-48</b>	European AC Safety Yoke	The WC-48 complies with European Safety Regulations for Hazardous Environments such as Confined Vessels.	0-11" (0-280mm)	10 Pounds (4.5 Kg)
<b>WC-42</b>	The WC-42 is based on the WC-6, and is 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.	<b>WC-42</b>	European AC Safety Yoke	The WC-42 complies with European Safety Regulations for Hazardous Environments such as Confined Vessels.	0-11" (0-280mm)	10 Pounds (4.5 Kg)
<b>WE-48</b>	The WE-48 is based on the WE-3HD, and is supplied from our dedicated PD-48 Power Supply. Input Voltage is either 115/60 or 230/50. The PD-48 is available with a DC Option (PD-48U), thus permitting the use of an AC or DC field. See WE-24 for alternative Models.	<b>WE-48</b>	European AC Safety Yoke	The WE-48 complies with European Safety Regulations for Hazardous Environments such as Confined Vessels.	0-11" (0-280mm)	10 Pounds (4.5 Kg)
<b>WE-42</b>	The WE-42 is based on the WE-3HD, and is supplied from our dedicated PD-42 Power Supply. Input Voltage is either 115/60 or 230/50. The PD-42 is available with a DC Option (PD-42U), thus permitting the use of an AC or DC field. See WE-24 for alternative Models.	<b>WE-42</b>	European AC Safety Yoke	The WE-42 complies with European Safety Regulations for Hazardous Environments such as Confined Vessels.	0-11" (0-280mm)	10 Pounds (4.5 Kg)
<b>Permanent Magnet Yokes</b>		<b>Permanent Magnet Yokes</b>				
<b>WM-5</b>	Certified 60 Pound (27Kg) Lift, however exceeds 70 Pounds (32kg) when new. Rotatable, Dual Contact Area Feet (Flat and 45° Angle). Field Replaceable Magnets. Specifications limit pole spacing to 6" (152mm).	<b>WM-5</b>	Light and Compact Permanent Magnet	Hazardous locations or where no electrical power available.	0-14" (0-350mm)	60 Pounds (27 Kg)
<b>WM-5LT</b>	Certified 50 Pound (23Kg) Lift, however exceeds 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).	<b>WM-5LT</b>	Light and Compact Permanent Magnet	Hazardous locations or where no electrical power available.	0-14" (0-350mm)	50 Pounds (23 Kg)
<b>WM-5C</b>	Certified 50 Pound (23Kg) Lift, however exceeds 70 Pounds (32kg) when new. Long connection Cable allows Contact Poles to be configured to complex work pieces. Specifications limit pole spacing to 6" (152mm).	<b>WM-5C</b>	Cable Type Permanent Magnet Yoke	Hazardous locations or where no electrical power available.	0 -23" (0-580mm)	50 Pounds (23 Kg)
<b>Comments/Notes</b>		<b>Comments/Notes</b>				
E' Designation refers to Economy - Standard Yoke Switch, sized large enough for use with gloves.		CSA, UL & CE Designation where required				
K' Added to any Model Number, and designates 220-240 VAC / 50hz Input Power or Battery Charger Voltage.		All grips are encapsulated in Urethane Rubber (except WM-5/5LT)				
LT' Given to Products that are lighter weight than their Series counterparts. Sized large enough for use with gloves.		Ergonomically designed, comfortable to hold and can be used in any position with one hand.				
WC' Series - Compact <b>Safety</b> Models, sized large enough for use with gloves.		Compact and Economy models can be used comfortably with gloves				
UW' Refers to Underwater use, see specifications for depths.		All models have articulated legs except for custom fixed leg models				
W' In the suffix designates Wet Environments (Shallow Submergence, Aqueous Ultrasonic Cleaning).		Urethane Rubber casting will not crack in cold weather				
HD' In the suffix designates Heavy Duty End Cap, Cord and Cord Protector		WE' series switch cover needs no tools to replace				

**Switch Type**

Full current, not sealed

Full current, not sealed.  
Slip in Switch Cover

Full current, not sealed.  
Slip in Switch Cover

Signal only, 50 mA and  
sealed. Safety Switch®

Signal only, 50 mA and  
sealed. Safety Switch®

Full current, not sealed  
Slip in Switch Cover

Signal only, 50 mA and  
sealed. Safety Switch®

Signal only, 50 mA and  
sealed. Safety Switch®

N/A

Signal only, 50 mA and  
sealed. Safety Switch®

Sealed Rotary Switch on  
Battery Pack.

Full Current, Fluid Seal,  
Sealed Switch Cover.

Full current, not sealed  
Slip in Switch Cover

Signal only, 50 mA and  
sealed. Safety Switch®

Signal only, 50 mA and  
sealed. Safety Switch®

Full current, not sealed  
Slip in Switch Cover

Full current, not sealed  
Slip in Switch Cover

N/A

N/A

N/A