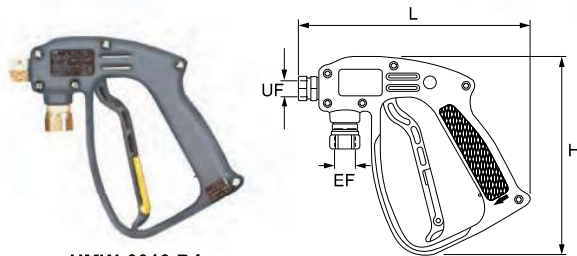


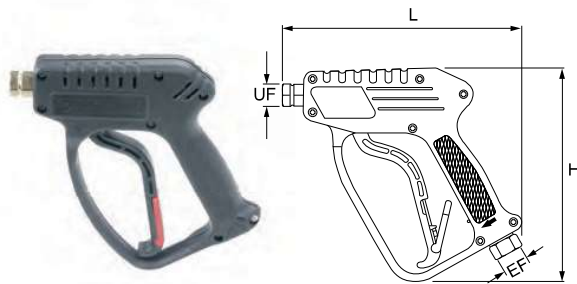
UMW SERIES HIGH PRESSURE GUNS

UMW series spray guns are specially designed for high pressure cleaning. The main features are: light weight and easy to handle, heavy duty durability, high temperatures and high pressures resistant, low failure rate, low price. They can be supplied with a variety of pressure hoses and nozzles for all types of cleaning requirements. UMW spray guns are widely and successfully used in car washing and many other industrial applications.

- Typical applications
 - Products cleaning
 - Equipment cleaning
 - Vehicles cleaning
- Materials
 - D4 Nylon, Glassfibers reinforced
 - B1 AISI 303 Stainless steel
 - C3 AISI 440 Stainless steel, hardened
 - T1 Brass



UMW 0010 D4



UMW 0020 D4

UMW 0010 D4 series economical and efficient spray guns are widely applied in industrial high pressure cleaning and car wash.

- Nominal pressure 200 bar
- Max operation pressure LP 220 bar
- Max operation temperature LT 160 °C
- Max capacity LQ 30 l/min

Code	Inlet thread size EF	Outlet thread size UF	H mm	L mm	W kg
UMW 0010 D4	3/8"	1/4"	162	185	0.27

UMW 0020 D4 guns are suitable for heavy duty applications. They are light and have an ergonomical easy-grip handle. These spray guns are highly appreciated for operations requiring high pressure and large capacity.

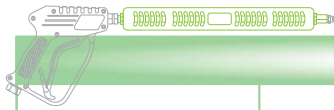
- Nominal pressure 310 bar
- Max operation pressure LP 350 bar
- Max operation temperature LT 160 °C
- Max capacity LQ 40 l/min

Code	Inlet thread size EF	Outlet thread size UF	H mm	L mm	W kg
UMW 0020 D4	3/8"	1/4"	183	202	0.78

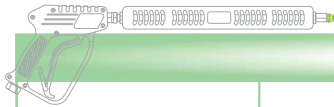


HIGH PRESSURE GUNS

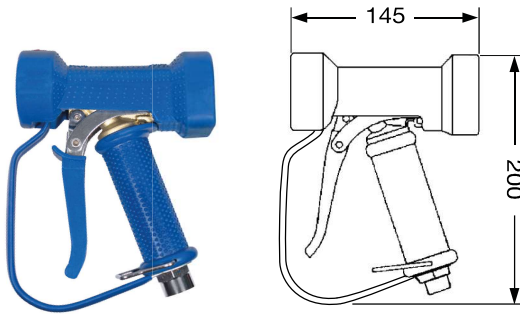
Code	UMW 0020 D4 (Brass) Standard high pressure gun	UMW 0021 D4 (Brass) Swivel high pressure gun	UMW 0020 B1 (AISI 303) Sanitary high pressure gun
Appearance			
Code	UMW 0020 D4	UMW 0021 D4	UMW 0020 B1
Inlet thread size	3/8" BSP Female	3/8" BSP Female	3/8" BSP Female
Outlet thread size	1/4" BSP Female	1/4" BSP Female	1/4" BSP Female
Max operating pressure	350 bar	280 bar	280 bar
Max operating temperature	160°C	160°C	160°C
Max capacity	40 l/min	40 l/min	40 l/min
Inner parts	Brass	Brass	AISI 303
Outside shell	PP, chemically bonded fiberglass	PP, chemically bonded fiberglass	PP, chemically bonded fiberglass
Weight	0.78 kg	0.78 kg	0.83 kg
Swivel	✗	✓	✗
Security lock	✓	✓	✓

**HIGH PRESSURE LANCE**

Appearance			
Code	UMW 0038 A8	UMW 0045 B2	UMW 0047 B2
Liquid inlet diameter	1/4" BSPT Male	1/4" BSPT Male	1/4" BSPT Male
Liquid outlet diameter	1/4" BSP Female	1/4" BSP Female	1/4" BSP Female
Max operating pressure	280 bar	280 bar	200 bar
Max operating temper.	160°C	160°C	160°C
Spray lance	Zinc coated steel	AISI 304	AISI 304
Shank	Brass	AISI 303	AISI 303
Plastic material	PP, chemically bonded fiberglass	PP, chemically bonded fiberglass	PP, chemically bonded fiberglass
Length	380 mm	1200 mm, 1500 mm 1700 mm, 2000 mm	700 mm
Weight	0,4 kg	0,9 kg, 1,1 kg, 1,3 kg, 1,4 kg	0,56 kg

**HIGH PRESSURE NOZZLES**

Appearance			
Code	F series high pressure nozzles	UMW 0050 B2	UMW 0060 D2
Spray pattern	Straight / Flat fan (Fixed)	Straight / Flat fan (Free)	High pressure water (360°)
Spray angle	0°, 15°, 25°, 40°, 65°	0° ~ 40°	40°
Capacity	3.4 ~ 68.2 l/min at 100 bar	10.3 l/min at 100 bar	6.86 ~ 18.1 l/min at 100 bar
Thread size	1/4" BSP Male	1/4" BSP Female	1/4" BSP Female
Min operating pressure	--	--	80 bar
Max operating pressure	500 bar	280 bar	250 bar
Max operating temper.	600°C	90°C	100°C
Nozzle material	AISI 416	AISI 420	AISI 420
Shank	--	Brass	Brass
Plastic material	--	PP, chemically bonded fiberglass	PP, chemically bonded fiberglass



UMV 2210 xx

The versatility of this washgun is enhanced from the additional model UMV 2211 xx, which can be fitted with nozzles or different lances through its 1/2" male thread. The three different lance models shown are easily fitted to the gun body with a 1/2" male nipple and offer the following choices of operation:

1 Foaming machines and equipment prior to washing operations. The foam lance comes with a quick connect female coupling, and a matching coupling must be fitted at the gun outlet.

2 General purpose 1/4" female thread outlet, 1/4" male thread inlet. Available both with heat protection sleeve, or zincplated steel. The general purpose lance needs a connection nipple 1/4" fem to 1/2" female to be fitted on the gun.

HOT WATER WASHING GUN

The UMV series washgun has been designed primarily to avoid hot water waste, while assuring very comfortable operation conditions. Its thick rubber casing not only effectively protects the operator's hand from the discomfort of hot water but also assures an excellent protection in case the washgun is dropped or falls to the ground since it avoids any damage to the tiles or the equipment. The careful design, mainly used for the food industry, also includes a grease and detergent resistant quality rubber, plus a blue colour has been chosen as a visual aid to be seen clearly against a white or clear foreground. The trigger is lined too, and can be held in the open position by means of a lock-ring. The spray pattern can be adjusted continuously between a closed straight jet to a wide angle spray, so that the proper spray pattern can be chosen for each individual job.

Materials

Body	T2 Brass casting, chrome plated
	B3 AISI 316 Stainless steel
Lining	E0 EPDM
Steam	B3 AISI 316 Stainless steel
Trigger	B3 AISI 316 Stainless steel, rubber lined

Technical data

Hose shank	13 mm
Weight	0.9 kg
Max temperature	95° C
Max pressure	24 bar

Performance

21 lpm @ 3 bar UMV 2210
61 lpm @ 3 bar UMV 2211

SPRAY GUNS

UMV series hot water spray guns

Functional spray guns match front shut-off extensions for foam, hot water and general use.

Code	Features
UMV 2210 xx	Standard, adjustable jet
UMV 2211 xx	With 1/2" male quick thread, without lance
UMV 220A xx	With foam lance
UMV 220B xx	With 1/4" female outlet, bare lance
UMV 220C xx	With 1/4" female outlet, heat protected lance



Single components

Code	Components
XUM V001 B3	Foam lance
XUM V002 B3	Quick connect coupling for foam lance, 1/2" F
XUM V003 B3	Universal lance, 1/4" F out, heat protection
XUM V004 B3	Universal lance, 1/4" F out, zinc-plated steel
XUM V005 xx	Nipple, 1/4" F x 1/2" F

Please note that codes ending with (xx) must be completed with the code of the material, substituting the (xx) with the code T2 for chrome plated brass or B3 for AISI 316 stainless steel.

HOT WATER SPRAY GUN ACCESSORIES

FLEXIBLE HOSE

This hose has been selected to be used with all models of UMV hot water spray-gun as it's made in top quality EPDM to outwear oil, high temperatures, high pressures and assure a long service life. Inlet and outlet ends are provided with female quick couplings for easy assembly and safety.

- **Max working temperature** LT 160°C
- **Max working pressure** LP 8 bar
- **Materials** Hose E0 EPDM
Couplings B3 AISI 316 Stainless steel

Code	Size (inch)	Hose length (m)
XUM VT25 E0	1/2"	25
XUM VT20 E0	3/4"	20

QUICK COUPLINGS

XUM quick couplings are hot water spray gun accessories. It is convenient to assemble nozzle and spray gun. Please refer to below table for model no.

- **Material** B3 AISI 316 Stainless steel

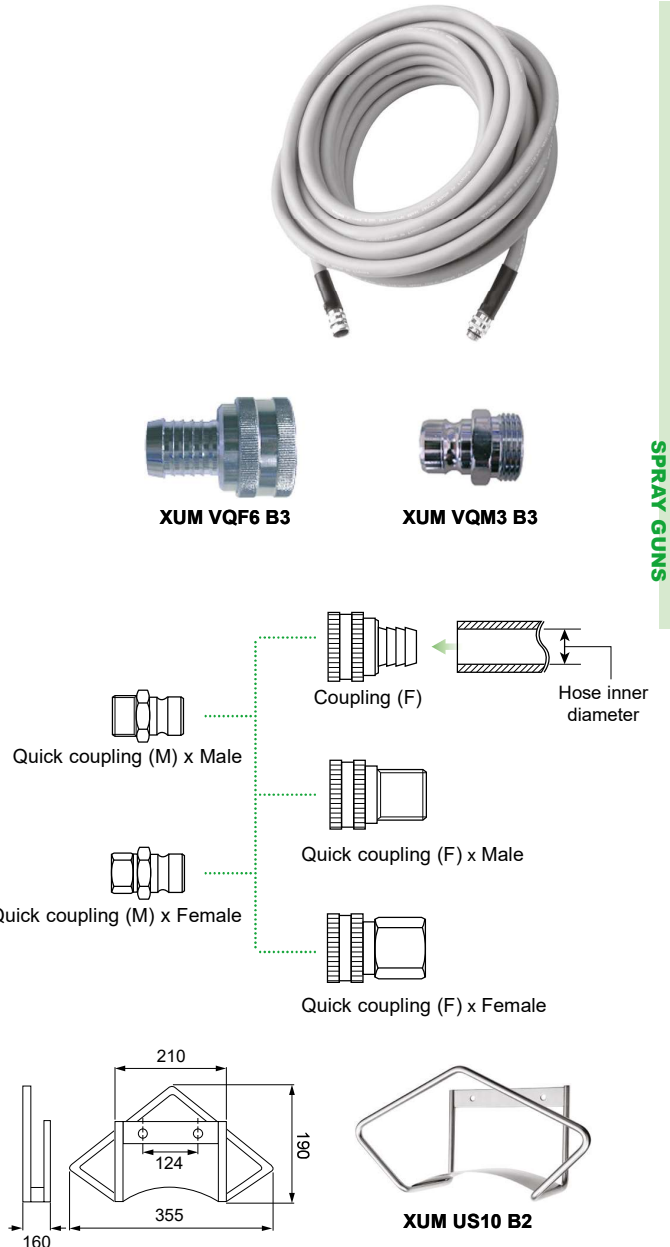
Code	Quick coupling tipo	Thread inch	Diameter mm
XUM VQF1 B3	Female	1/2" M	
XUM VQF2 B3	Female	1/2" F	
XUM VQF3 B3	Female	3/4" M	
XUM VQF4 B3	Female	3/4" F	
XUM VQF5 B3*	Female		13
XUM VQF6 B3*	Female		19
XUM VQM1 B3	Male	1/2" M	
XUM VQM2 B3	Male	1/2" F	
XUM VQM3 B3	Male	3/4" M	
XUM VQM4 B3	Male	3/4" F	

* These couplings have a hose shank with the shown dia size.

HOSE STAND

XUM quick couplings are hot water spray gun accessories. It is convenient to assemble nozzle and spray gun. Please refer to below table for model no.

- **Material** B2 AISI 304 Stainless steel



SPRAY GUNS

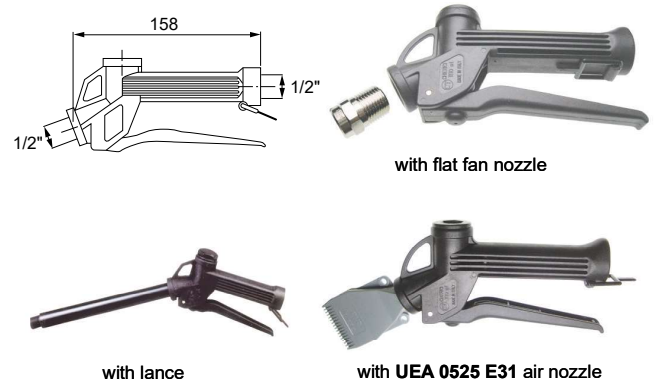
(PORTABLE WATER GUN) **UMS**

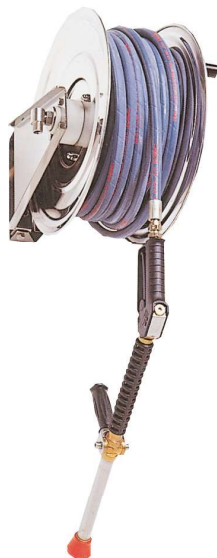
PORTABLE WATER SPRAY GUN

UMS portable water spray-guns are widely used in industry. They have a lock ring to fix the handle while operating for a comfortable long use. The gun has a 1/2" female thread for nozzles assembly. The most common applications of this spray-gun are:

- (1) Blowing off of water and surface dust with a UEA 0525 E31 air nozzles
- (2) Parts and environment cleaning with suitable flat fan nozzles
- (3) Liquid filling or packing with proper complementary accessories

- **Typical applications** Product cleaning
Liquid addition
Air spray gun
- **Inlet / Outlet thread size** 1/2" BSP
- **Max working temperature** LT 100°C
- **Max working pressure** LP 50 bar
- **Max capacity** LQ 70 l/min
- **Weight** W 0.17 / 0.25 kg
- **Materials** Inner parts B1 AISI 303 Stainless steel
Inside seal E7 Viton
Outside shell E3 Acetalic resin





UMU AD20 B2HSB
Spray gun is not included

UMU A/B - MANUAL REWIND HOSE REELS

UMU A/B models are basic manual rewind hose reels. The hose can be pulled out to the desired length, oriented for release and safely returned into initial position after use. It can be assembled on a mobile cart or fixed to floor, wall or ceiling. Its construction is industrial grade, it's safe for operators, wear-resistant, and leak-free. They are specially designed for swivel nozzles and can be customized in length, materials, operating pressure and temperature to satisfy your requirements.

- **Typical applications** food factories, washing lines, car wash
- **Inlet thread size** 1/2", 1"
- **Outlet thread size** 1/2", 1"
- **Flexible hose size** 3/8", 1/2", 1"
- **Max hose length** 70 M
- **Max working pressure** LP 200 bar
- **Material** Body **B2** AISI 304 Stainless steel

Code	LP bar	E inch	U inch	DI mm	MF inch	LF m	W kg	DE mm	H mm	S mm	Swivel code
UMU BF10 B2LSB	20	1"	1"	20	1"	10	12	500	460	270	on request
UMU BF20 B2LSB					1"	20	13	500	460	340	
UMU AC20 B2HSB	200	1/2"	1/2"	10	3/8"	20	9	390	330	300	
UMU AD20 B2HSB					1/2"	20					
UMU BC50 B2HSB					3/8"	50	12	500	460	270	
UMU BD35 B2HSB					1/2"	35					
UMU BC70 B2HSB					3/8"	70	13	500	460	340	
UMU BD50 B2HSB					1/2"	50					

UMU G / H (AUTO-REWIND HOSE REELS)



UMU HD20 B2HSB

UMU G/H - AUTO-REWIND HOSE REELS

UMU G/H models are auto-rewind hose reels with multi-position release, very useful and practical for frequent cleaning operations. The hose can be easily pulled out from the reel for the desired length and locked in place during use. When washing is completed, a short further pull activates a spring powered automatic rewind mechanism that returns the hose onto the reel. It's suitable for a variety of industrial environments, wear-resistant, robust in construction and designed to mount floor, wall, ceiling or cart.

- **Typical applications** food factories, washing lines, car wash
- **Inlet thread size** 1/2", 1"
- **Outlet thread size** 1/2", 1"
- **Flexible hose size** 3/8", 1/2", 3/4", 1"
- **Max hose length** 20 M
- **Max working pressure** LP 200 bar
- **Material** Body **B2** AISI 304 Stainless steel

Code	LP bar	E inch	U inch	DI mm	MF inch	LF m	W kg	DE mm	H mm	S mm	Swivel code
UMU HE13 B2LSB	20	1"	1"	20	3/4"	13	18	530	550	300	XUM US20 B2
UMU HF08 B2LSB					1"	8	18				
UMU HE18 B2LSB	20	1"	1"	20	3/4"	18	24	530	550	480	XUM US22 B2
UMU HF15 B2LSB					1"	15	24				
UMU GD15 B2HSB	200	1/2"	1/2"	10	1/2"	15	13	550	430	230	XUM US15 B2
UMU GD20 B2HSB					1/2"	20	18	550	430	260	XUM US20 B2
UMU HC20 B2HSB					3/8"	20	18	530	550	300	
UMU HD20 B2HSB					1/2"	20	18	530	550	300	

UMU L/K - AUTO-REWIND ADJUSTABLE HOSE REELS

UMU L/K models are hose reels with spring powered automatic rewind and adjustable release, suitable for industrial environments requiring efficient cleaning power. They provide quick hose direction and retraction, are wear-resistant, leak-free and handy to use. The hose can be pulled to the desired length and locked in place during use. When operation is completed, a short further pull activates a spring powered automatic rewind mechanism that returns the hose onto the reel.

UMU L/K hose reels are specially designed for swivel nozzles and can be customized in length, materials, operating pressure and temperature to satisfy your requirements.

- **Typical applications** food factories, washing lines, car wash
- **Inlet thread size** 1/2", 1"
- **Outlet thread size** 1/2", 1"
- **Flexible hose size** 1/2", 3/4", 1"
- **Max hose length** 20 M
- **Max working pressure** LP 200 bar
- **Material** Body **B2** AISI 304 Stainless steel

**UMU KD20 B2HSB**

Code	LP bar	E inch	U inch	DI mm	MF inch	LF m	W kg	DE mm	H mm	S mm	Swivel code
UMU LE13 B2LSB	20	1"	1"	20	3/4"	13	18	530	550	300	XUM US20 B2
UMU LF08 B2LSB					1"	8	18				
UMU LE18 B2LSB	20	1"	1"	20	3/4"	18	24	530	550	480	XUM US22 B2
UMU LF15 B2LSB					1"	15	24				
UMU KD15 B2HSB	200	1/2"	1/2"	10	1/2"	15	13	500	480	250	XUM US15 B2
UMU KD20 B2HSB						20	18	500	480	280	XUM US20 B2

(LARGE CAPACITY AUTO - REWIND HOSE REELS) UMU J / I**UMU J/I - LARGE CAPACITY AUTO-REWIND HOSE REELS**

UMU J/I large capacity auto-rewind hose reels are recommended for working environments requiring a large capacity. UMU J/I reels have been designed to hold flexible and long hoses up to 40 meters (depending on hose diameter), and have a double retraction spring that ensure a quick and reliable hose auto-rewinding.

They are robust, wear-resistant, leak-free, powerful and adjustable. Ideal to clean long tunnels or machines from a single water feed point. They can be customized in length, materials, operating pressure and temperature to satisfy your requirements.

- **Typical applications** food factories, washing lines, car wash
- **Inlet thread size** 1/2", 1"
- **Outlet thread size** 1/2", 1"
- **Flexible hose size** 3/8", 1/2", 3/4", 1"
- **Max hose length** 40 M
- **Max working pressure** LP 200 bar
- **Material** Body **B2** AISI 304 Stainless steel

**UMU ID40 B2HSB**
Spray gun is not included.

Code	LP bar	E inch	U inch	DI mm	MF inch	LF m	W kg	DE mm	H mm	S mm	Swivel code
UMU JE30 B2LSB	20	1"	1"	20	3/4"	30	40	530	550	520	Please contact our sales
UMU JF25 B2LSB				20	1"	25					
UMU ID25 B2HSB	200	1/2"	1/2"	10	1/2"	25	26	530	550	370	
UMU IC40 B2HSB				10	3/8"	40	36				
UMU ID40 B2HSB				10	1/2"	40	36	530	550	420	