

HEAVY CAVITATION CLEANING BY WATER POWER

ND-CW350 RETRO

NORTHERN DIVER
OPENWATER SUITS & EQUIPMENT



Improved Cavitation Technique

Underwater cleaning and removing substances from pillars, watersides, ships and other underwater surfaces is easily done with Northern Divers CW350 retro cavitation gun.

The cavitation process creates Nano voids in the water that implode when they hit the cleanable surface. The voids create high energetic shockwaves when they implode, which easily remove all dirt, fouling and deposits attached to the cleanable surface. A cavitation jet reaches further than conventional high-pressure cleaning and is most effective at a safe distance from the nozzle. Cavitation cleaning requires a lower water pressure and is therefore safer and more efficient.

Compact Cavitation Cleaning Gun

The CW350 heavy cavitation cleaning gun with retro lance is designed for safe working and meets special safety guidelines for heavy underwater cleaning operations. The CW350 Retro cavitation gun makes heavy high-pressure cleaning a light and efficient operation. The retro lance has the same power as the cavitation nozzle to keep the force of reaction neutral so the diver stays in position while operating the gun. The retro lance releases its pressure behind the diver for optimal comfort and safety. The protection case, at the end of its lance, makes the lance tip recognizable when visibility is poor and reduces the possibility for accidents. Different spacers can be mounted at the protection case to keep it positioned at the most efficient distance to the material for maximum results. Stepless adjustment of water pressures at the intelligent high-pressure unit make it possible to clean different surfaces, deposits and materials with the highest efficiency, and with the total conservation of coatings and materials of the cleanable surfaces. Northern Divers CW350 cavitation gun for heavy cleaning can be used with water pressures up to max. 300bar (4,350psi).

PROPERTIES

- > Improved cavitation technique
- > Durable, salt water resistant materials
- > Exchangeable protection case with spacer for lance top
- > Retro lance with protection
- > Integrated Swivel
- > SIR certified
- > Meets IMCA guidelines
- > Ergonomic controls
- > Use with a lightweight and flexible high-pressure hose
- > Light and floating materials
- > Protected against accidental use

SPECIFICATIONS

- > Maximum pressure: 300bar (4,350psi)
- > Maximum flow: 80ltr/ min (21.1 gal/ min)
- > Weight: 2300 gram (5lbs), 1200 gram (2.6lbs) under water;
- > Length of lance: 750mm (29.5")
- > Length of retro lance: 700mm (27.5") custom lengths optionally

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