

CAVITATION CLEANING BY WATER POWER

ND-CW250 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 CW250 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 CW250 cavitation-cleaning gun with retro lance is a mobile and powerful solution for commercial divers performing under water cleaning operations. The CW250 can still be used in tight spaces. 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 protection around the retro lance makes sure the diver can't hurt himself. The CW250's light controls can easily be operated with one hand. The protection case, at the end of its lance, makes the lance tip recognizable when visibility is poor and reduces the possibility for accidents. Stepless water pressure adjustment of the intelligent high-pressure unit make it possible to clean different surfaces, deposits and materials with the highest efficiency and total conservation of coatings and materials of the cleanable surfaces. Northern Divers compact CW250 cavitation gun with retro lance can be used with water pressures up to max. 130bar (1,900psi).

PROPERTIES

- > Improved cavitation technique
- > Durable, salt water resistant materials
- > Exchangeable protection case for lance top
- > Integrated Swivel
- > Retro lance with protection
- > CE 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: 130bar (1,900psi)
- > Maximum flow: 30ltr/ min (7.9 gal/ min)
- > Weight: 1800gram (3.9lbs), 1000 gram (2.2lbs) under water
- > Length of lance: 300mm (11.8")
- > Length of retro lance: 300mm (11.8") custom lengths optionally

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