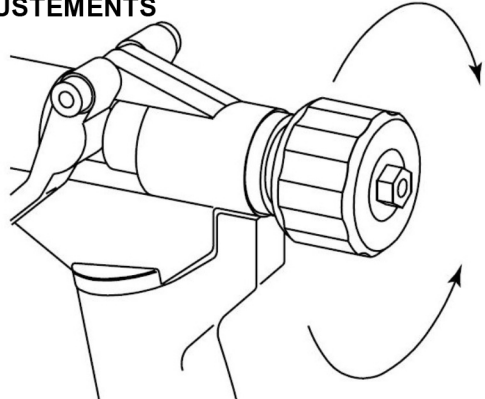


# 1830. SUCTION BLAST TOOL WHIT HOSE

suction blast tool : Is ightweight, portable and easily transportable, Suitable for use with all media containers, or even straight out of the bag, Simple work principle, just plunge the suction lance into the container of abrasive and pull the trigger. Easy to use, the suction blast tool can be used in places where erecting a conventional pressure blast machine would be awkward or inconvenient. The suction blast tool can be used with all common blast media, to clean or etch metal, glass, stone or other hardwearing surfaces. To operate the suction blast tool , just connect it to a compressed air source, and submerge the suction lance to which the abrasive hose is connected partially into a container of blast media. To commence blasting, simply depress the lever on the suction blast tool. The tool operates according to Bernoulli's principle, where a low-pressure area is created by the compressed air rushing past the abrasive-injectionpoint, where the abra- sive hose is connected to the gun. This low-pressure area draws abrasive into the airstream, where mixing takes place. The air-abrasive mix is then exhausted out of the gun and strikes the blasting surface.

## ADJUSTEMENTS



**Air Control Knob :** The control knob adjusts the force of air (blast pressure) coming out the nozzle. Turning the knob clockwise decreases the blasting force for delicate jobs, and turning it counterclockwise increases the blast force for tougher jobs.

TECHNICAL DATA	
Max. working pressure , bar	10
Air hose diameter, mm	25
Suction hose, mm	25
Nozzle diameter, mm	12.5
Air jet, mm	6.4
Weight , kg	8

AIR CONSUMPTION (m <sup>3</sup> /min.)								
bar	2,8	3,5	4,2	5,2	6,2	6,9	8,3	9,7
m <sup>3</sup> /min	1,15	1,4	1,7	2	2,3	2,6	3	3,4