



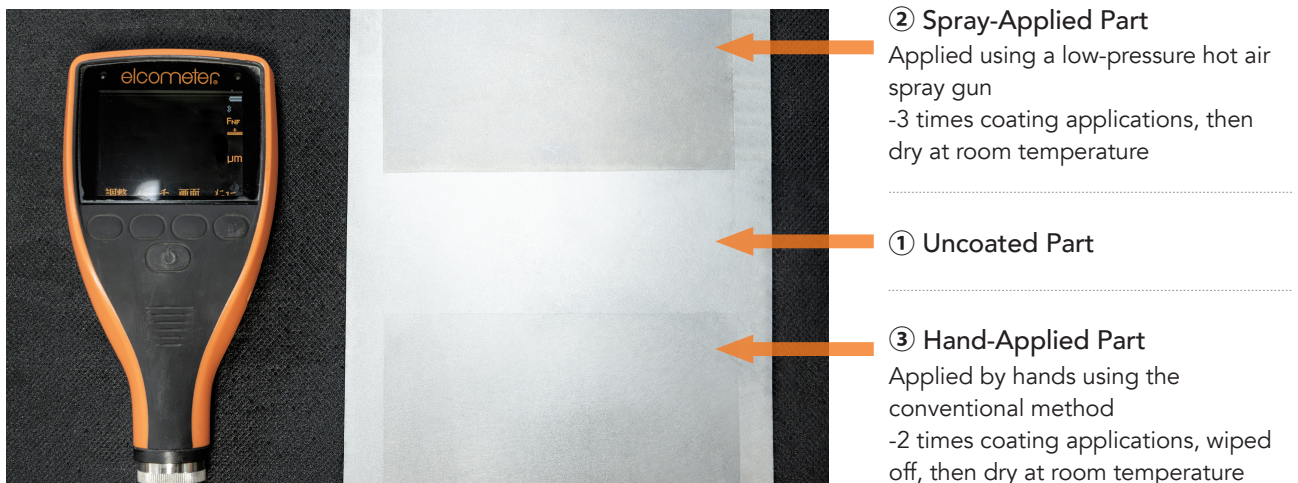
PURE CERAMIC COAT

ECHELON®
Ver. 3.0

Coating Thickness Measurement Results (Low-Pressure Hot Air Gun Spray Application)

To confirm the coating thickness of ECHELON Ver.3.0, the product was applied onto an uncoated steel panel, and the coating thickness was measured using a film thickness gauge.

The measurement method is described below.



■ Measurement Equipment

Elcometer 456 Ferrous / Non-Ferrous Metal Coating Thickness Gauge (Separate Type) A456CFNFSS
Straight Probe for Elcometer 456 T456CFNF1S

■ Measurement Method

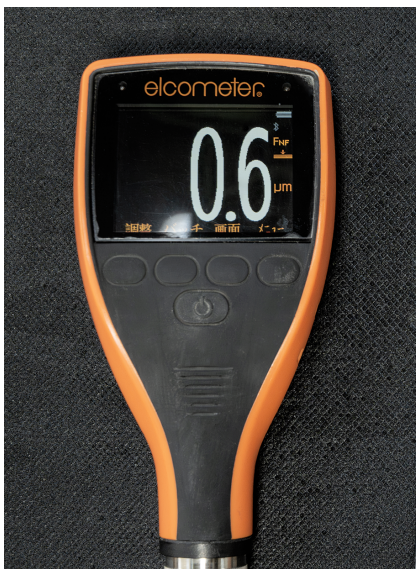
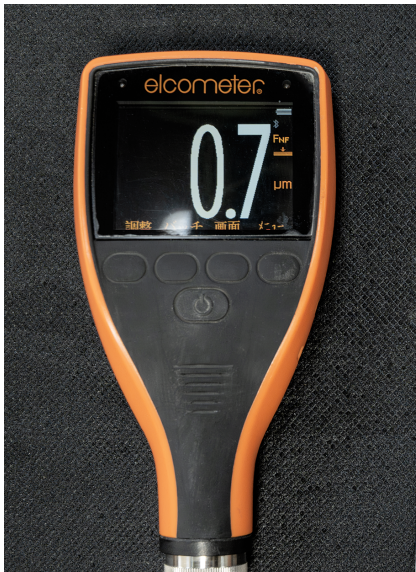
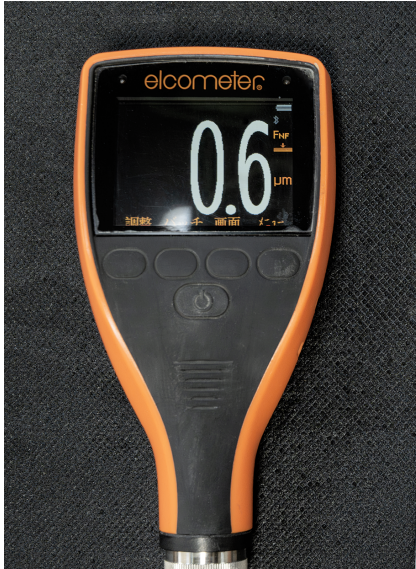
The uncoated part, spray-applied part, and hand-applied part were each measured 10 times.

For each area, the three values closest to the median were selected, and the average value was then calculated.

① Uncoated Part Average Value: 0.00 μm



② Spray-Applied Part Average Value: $0.63\mu\text{m}$



③ Hand-Applied Part Average Value 0.53 μ m



Measurement Results

	Average Value	Measurement 1	Measurement 2	Measurement 3	Maximum Value	Minimum Value
① Uncoated Part	0.00 μm	0.0 μm	0.0 μm	0.0 μm	0.1 μm	-0.1 μm
② Spray-Applied Part	0.63 μm	0.6 μm	0.7 μm	0.6 μm	1.0 μm	0.3 μm
③ Hand-Applied Part	0.53 μm	0.6 μm	0.5 μm	0.5 μm	0.8 μm	0.2 μm

The measurement results are as shown above.

Based on these results, it was confirmed that the new proposed low-pressure hot air gun spray application system produced a slightly higher coating thickness compared to the conventional hand-application method.

In addition, this demonstrates one of the key advantages of the ECHELON Ver.3.0 low-pressure hot air gun spray application method, which is its ability to form an excellent coating thickness without the need for excessive product usage.