

S 800⁺

COMPACT HARD PVD FUNCTIONAL COATING



GENERAL INFORMATION

Technology : Arc
Dimensions : W3400 x D3000 x H2300 mm
Vacuum chamber size : W800 x D800 x H1,150 mm
Vacuum chamber capacity : 730 l
Using plasma volume : D=550 x H720
Target : 727×178×18 mm (3Set) - 200/400/400A
Turntable : D436 × H727 mm
Power : 3×400V/120 kW
Software : Industrial PC system
Simple and easy diagnosis and description system
Remote diagnosis through data machine or IP

COATING TYPES

Standards Coating : TiN, CrN, TiCN, TiAlN, AlTiN, etc.
Recipes can be selected : AlCrN, TiAlSiN, AlCrTiN, DLC, etc.

Capacity (24H)

• Milling cutter

D6×50 mm = 1,800×5 = 9,000 pces

D16×95 mm = 450×5 = 2,250 pces

• Insert

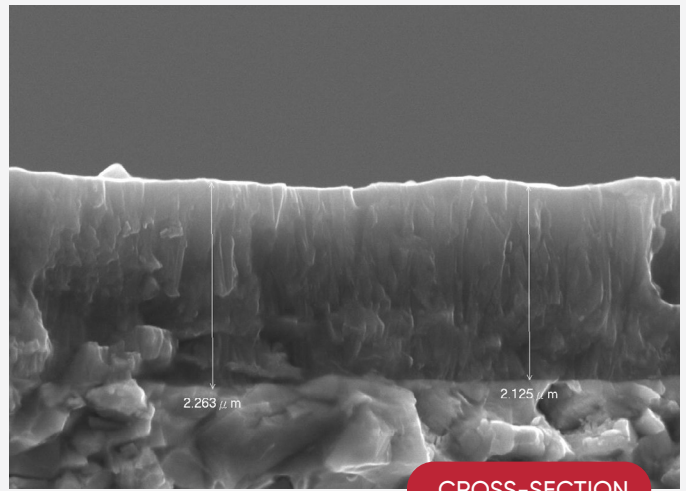
D20×H6 mm = 2,340×5 = 11,700 pces

• Hobs

D80×180 mm = 24×5 = 120 pces



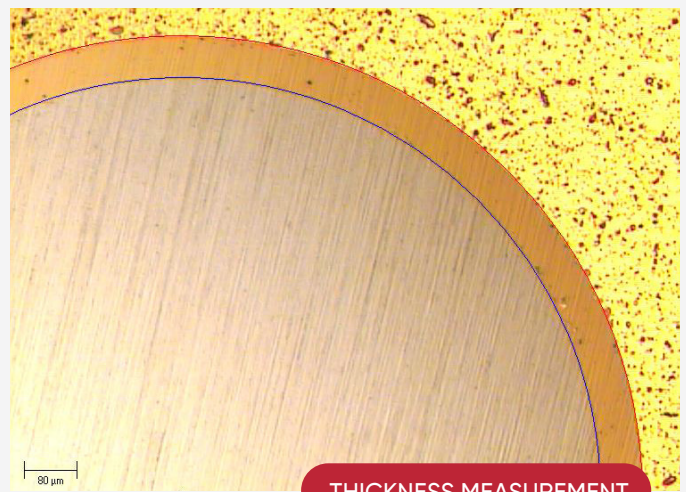
REACTIVE CHAMBER AND CAROUSEL



CROSS-SECTION



CALOTESTER



THICKNESS MEASUREMENT



ROCKWELL HARDNESS TESTER



ADHESION CONTROL



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