

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 x 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

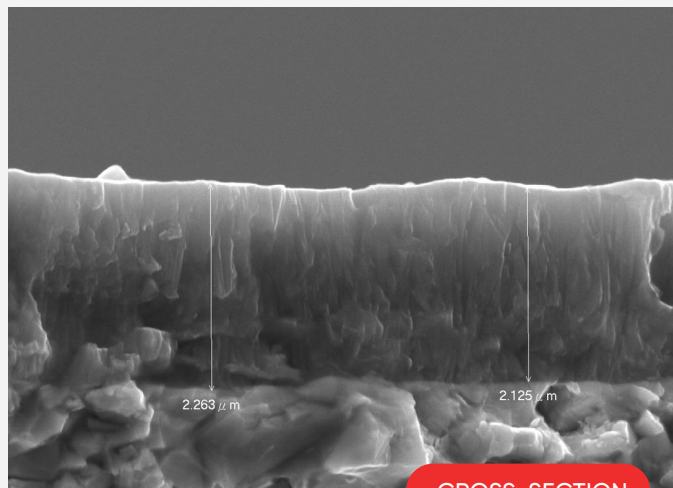
D20×H6 mm = 2,340×5 = 11,700 pces

• Hobs

D80×180 mm = 24×5 = 120 pces



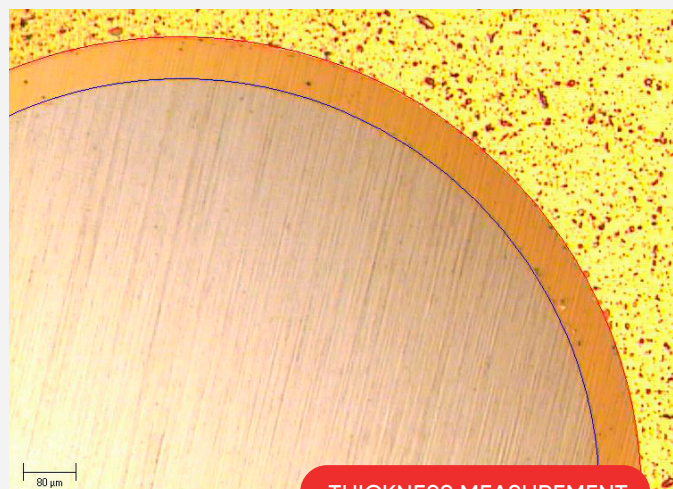
REACTIVE CHAMBER AND CAROUSEL



CROSS-SECTION



CALOTESTER



THICKNESS MEASUREMENT



ROCKWELL HARDNESS TESTER



ADHESION CONTROL

Plasmadium.
VACUUM & COATING SOLUTIONS

Rue de la Jambe-Ducommun 19, 2400 Le Locle, Suisse

+41 (0)32 926 26 06 | info@plasmadium.com

www.plasmadium.com