



HS-Group GmbH
Innovative Vacuum Technology

Member of **V** VON ARDENNE Group



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INLINE SPUTTER COATER
DELTALINE SERIES

INLINE SPUTTER COATER

DELTALINE-SERIES



Description	Unit	Data
Substrate size max*	[mm]	400 x 400 / 600 x 600 / 800 x 800
Substrate height max*	[mm]	15
Carrier orientation	-	horizontal or vertical
Speed range	-	0.2 ... 10 m/min
High vacuum pumps	-	turbo-molecular pumps, cryo pumps
Temp. pre-treatment	[°C]	20 ... 350 °C
Plasma pre-treatment	-	glowing / etching
Ultimate vacuum	[mbar]	< 5 x 10 ⁻⁷ mbar
Magnetrons	-	planar / rotatable
Sputter modes	-	DC / pulsed DC / MF / RF
Layers	-	Metals / alloys / multilayer / oxides
Chamber configuration	-	Modular arrangement
Chamber material	-	SS 1.4301

* Other specifications on request

SUITABLE FOR R&D
AND PRODUCTION

EXTENSIVE RECIPE
MANAGEMENT

DATA MANAGEMENT
FOR DOCUMENTATION

HIGHLY EFFECTIVE
VACUUM SYSTEM

LOADING / UNLOADING
WITH DUST COVER

FULLY AUTOMATIC
PROCESS CONTROL

AUTOMATIC SUBSTRATE
CHANGER 10 / 15-FOLD

APPLICATIONS:
MICROELECTRONICS,
DISPLAY, SOLAR, GLASS,
OTHER PLANE SUBSTRATES

