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INLINE X-SAM



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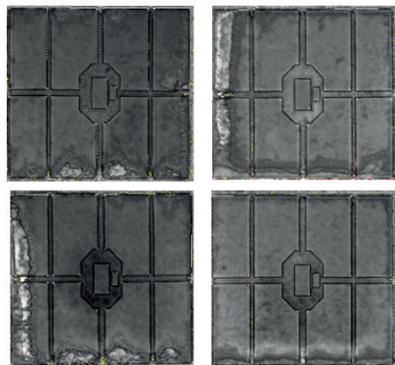
POWER ELECTRONIC EQUIPMENT

◆ INLINE X-SAM

The AMX X-SAM is a new system designed for quality control in power electronics industries. A non-destructive inspection able to simplify the manufacturing process.

Using an **AMX patented system**, components on the "Top side" of the substrates are preserved. Based on AMX In Line modular station, it guarantees flexibility and accuracy during the testing stage.

A fully automatic inline solution customized on the client's design and requirements.



WATER SPLIT SYSTEM

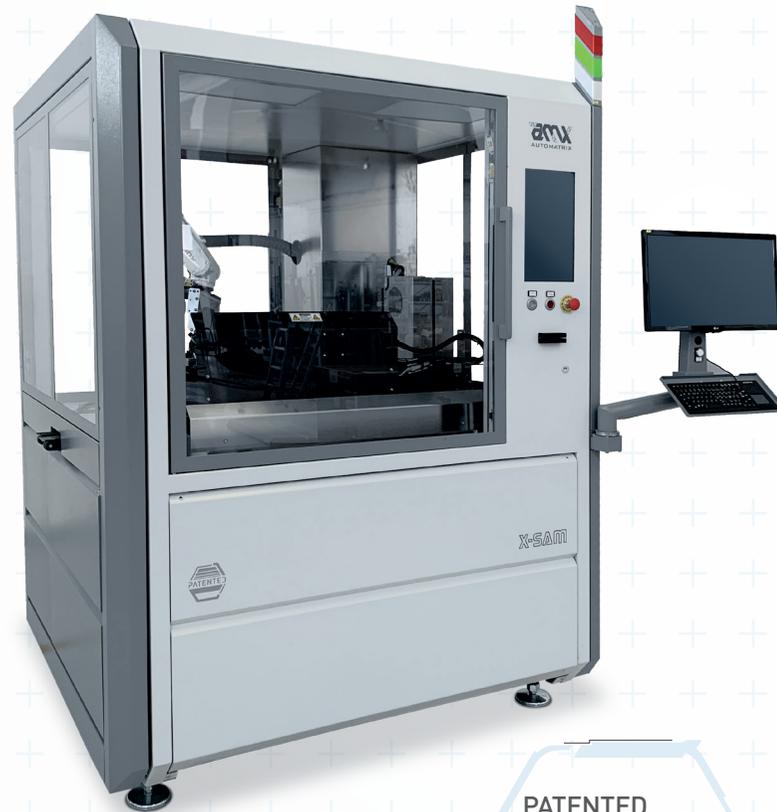
AMX Patented a Containment System for Power Electronics substrates to perform ultrasonic analysis in partial immersion.

SINTERING PACKAGE

A complete key-in-hand solution with a multi-patents world class system.

HIGH PERFORMING

Non-Destructive Testing, which allow to control 100% of the sintered parts.



PATENTED WATER SPLIT SYSTEM

Sensitive surfaces are protected from water.

XS200



XS300



DIMENSIONS	W1600 x D1600 x H2300 mm	W2000 x D2000 x H2300 mm
STANDARD CONFIGURATION WEIGHT	1900 kg	2900 kg
COLOR	RAL 7037 and on request	RAL 7037 and on request
MEASUREMENT TYPE	Water tank	Water tank
SCANNING AREA	Up to 400 x 300 mm customized on request	Up to 500 x 600 mm customized on request
TRANSDUCER FREQUENCY	Up to 250 MHz	Up to 250 MHz
TRANSDUCER'S USEFUL TIME	3 - 6 years depending on the model/ production time/shift	3 - 6 years depending on the model/ production time/shift
X,Y RESOLUTION	10-100 µm/pixel	10-100 µm/pixel
Z RESOLUTION	100÷600 nm (Depending on material and frequency)	100÷600 nm (Depending on material and frequency)
CYCLE TIME	Customized	Customized
HANDLING	Customized	Customized
GRIPPER	Special patented system - No Gaskets (Customized)	Special patented system - No Gaskets (Customized)
HMI INTERFACE	Touchscreen 15.6"	Touchscreen 15.6"
AVERAGE AIR CONSUMPTION	800 NI/min	800 NI/min
POWER INSTALLED	14 kW - 220Vac	14 kW - 220Vac
SOUND PRESSURE LEVEL	<80 Db	<80 Db
OPTION AVAILABLE		
TRACEABILITY	Database, DMC scanner, monitor and PC	Database, DMC scanner, monitor and PC
CONTROLLED ATMOSPHERE	N2, forming gas, vacuum, and on request	N2, forming gas, vacuum, and on request