



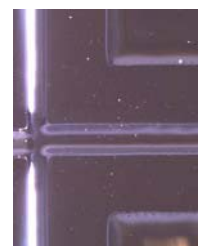
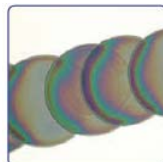
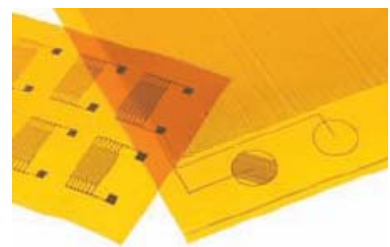
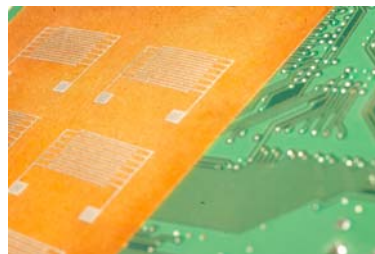
Ardeje 400

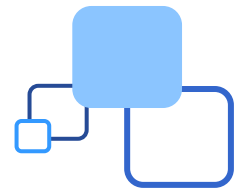
High-Performance Inkjet Printing Platform

Integrating advanced inkjet printing solutions on a high performance 4-axis mechanical frame, the Ardeje 400 is a complete printing platform for high accuracy material deposition from prototyping to production.



Printed Samples





Specifications ARDEJE 400 Printing Platform

Technology	Piezoelectric Drop-On-Demand
X, Y, Z, ϕ Mechanical Positioning	Travel ranges : X : 600 mm Y : 600 mm Z : 100 mm XY Position accuracy : < +/- 5 μ m
XY Speed	Up to 0,5 m/s
Printing Modules	Up to 4, large fluid compatibility range, available for different drop volumes
Softwares	Advanced printing strategies, advanced process control and automation, pattern positioning & alignment, ...
Substrate holder	Vacuum chuck : 300 mm x 300 mm
Dimensions (WxDxH)	1300 mm x 1250 mm x 1600 mm
Options	Optical systems : alignment, layer registration, pattern recognition, ... UV curing systems Maintenance station

ardeje services

Expendables :

Ardeje displays a complete range of products, in particular functional material formulation & UV inks that works with all our materials. In order to satisfy thoroughly your demand so as to simplify your supply, we set an custom expendables contract.

Maintenance :

To guaranty the durability of your installation we offer maintenance contracts with preventative and remedial visits in reduced deadlines.

Training :

Ardeje organizes training sessions in order to exploit all the potential of our systems. We welcome you in our facilities or we go to your site.

Ardeje company :

The company was created in 1997. Once specialized in printing engines, we have headed for the creation of machines for special purpose and integrated solutions. Ten years later, encouraged by our success, we created ARDEJE 400 printers range. For more than 10 years, our R&D efforts contributed to the manufacturing of advanced printing systems for research purposes and industrial applications. Thanks to close relationship with universities and research labs, as well as with world leading companies, Ardeje has been able to continuously update and further develop its expertise related to drop-on-demand (DOD) ink jet printing. With time to market being increasingly important, this unique know-how will help our customers in speeding up their developments of new product or new process.



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