

Sample field devices

Automatic applicators: IDL 5/9 series

The **IDL5/9** series are high production and fully automatic applicators designed to stick samples on card in a short time.

With the **IDL5/9** series is possible to stick a variable number of samples at the same time on a sample-card.

The samples are picked up using vacuum technology.

The standard card size is ISO A4/ANSI A, but of course customisation is possible.

The production performance is up to **600 pages per hour**.

Hot melt glue is used to stick the sample thus ensuring a strong and lasting fixing. The glue melting device is a part of each **IDL5/9** machine.



The samples processed, can be of different materials:

Hard:	laminated plastic wood
Semi-stiff:	fitted carpets rubbers plastic sheets wallpaper
Soft:	water proof fabrics sunshade fabrics Paper coated fabrics or low transpiration fabrics

The work cycle is divided in three phases, all made at the same time, as for each phase there is a module in which the card is processed :

1. The card is picked up from the magazine and introduced in the feeder



2. During the feeding the hot melt glue is applied on the card



3. In one single action all the samples are applied on the card

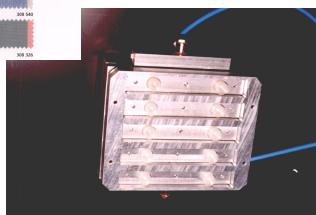


Application examples

Five samples application



Card with five samples stuck

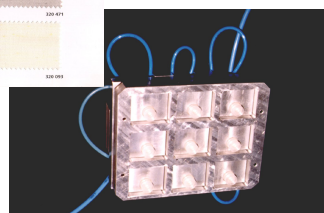


Five samples applicator

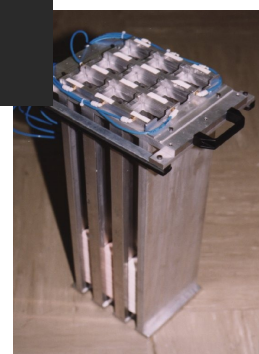
Nine samples application



Card with nine samples stuck



Nine samples applicator



Magazine designed for nine samples cards

We also have designed special magazines in which the Customer can decide the number and the position of the samples. There are obviously mechanical limits due to the space needed among the samples. This space is needed to let the air blow and detach one sample from the one below.

Technical characteristics IDL5/9

Dimensions:

length

2,5 mt

height

1,4 mt (machine) +0,560 mt (hot melt device)

width

0,9 mt

Production performance

600 cards/hour

Maximum glue melting guns

5 max

Card sizes

A4 (210mm x 297mm)

Samples magazine capacity

>1200 according to fabric thickness

Card magazine capacity

600-800 depending on paper weight