

StrainMaster Airbrush Kit

Specifications

Surface patterns on the specimen are essential for digital image correlation (DIC). If there are no sufficiently recognizable natural patterns on the specimen surface or if the surface is highly reflective, it is recommended to use artificial patterns, e.g. by spraying paint. One way to apply artificial patterns to the sample is to use an airbrush system. The **Airbrush Kit** that LaVision offers consists of a powerful compressor, two airbrush guns for the application of fine to medium patterns and a wide range of accessories.

Nozzle size	0.2, 0.3, 0.35, 0.5 mm
Paint reservoir	7/ 10 ml, gravity feed cup 5/ 22 ml inflow via suction
Trigger action	double action
Trigger tension	adjustable
Operating pressure	1 bis 3.4 bar



The **Airbrush Kit** uses a powerful, quiet and oil-free working compressor with a 3 liter air pressure tank. The compressor runs according to the demand of the air tank based on the automatic pressure control of the air tank.

Flow rate	20 - 23 l/m
Max. pressure	6 bar
Motor performance	150 Watt
Operating noise	47 dB (A)
Outlet (male)	1 x 1/8"
Braided hose (included)	3.0 m, 1/8"
Weight	5.4 kg
Dimensions (W x D x H)	130 x 310 x 310 mm



Attention!

The **Airbrush Kit** does not contain any paints, as these depends on your DIC application!

The paints recommended by LaVision are water-based with additives that ensure adhesion to plastic and metal surfaces. The paints are non-toxic. Non-permanent paints can be easily removed from the surface with soap and water.

Ordering information

Part number	Description
1103353*	Airbrush kit with 2 airbrush guns, 230 V
1014518	Permanent orange fluorescent airbrush paint, water based, bottle with 60 ml
1014500	Non-permanent black airbrush paint, water based, bottle with 100 ml
1014501	Non-permanent white airbrush-paint, water based, bottle with 100 ml
1014745	Permanent black airbrush paint, water based, bottle with 60 ml
1014746	Permanent white airbrush-paint, water based, bottle with 60 ml

* Factory setting: gun type 116 equipped with 0.3 mm nozzle, gun type 128 equipped with 0.35 mm nozzle

Data provided by LaVision is believed to be true.
However, no responsibility is assumed for possible inaccuracies or omissions. All data are subject to change without notice.

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