






REA JET EDS - One Dot Marking System

REA JET One Dot Marking - Variants	REA JET EDS 	REA JET EDS/P* 	REA JET EDS II 
Insert for dots and dotted lines 	✓	-	✓
Insert for solid lines 	-	✓	-
Dot- and Line sizes (Dot-Size / Line-Size adjustment)	0,2 to 3mm (controller, nozzle size, ink pressure)	0,2 to 3mm (nozzle size, ink pressure)	0,2 to 3mm (controller, nozzle size, ink pressure)
Suitable for pigmented ink / consumables	✓	-	-
protection class IP 65 (dustproof + protected against splash water)	optional	-	✓
Material options	function block: stainless steel housing: aluminum	function block: stainless steel housing: aluminum	stainless steel
Available nozzle sizes for different dot size (80, 130, 180, 270, 350, 500 micron)	✓	✓	✓
REA Plug & Print-Technologie ^(RJ) (quick swap of system modules to minimize production interruption)	✓	✓	✓
Heavy-Duty version (optional, reinforced for extreme conditions)	-	-	✓
Technology used	Armature	Armature	piston
Input signal	EDS SG1/1 Controller	Pneumatical, 3/2-way valve (quick pressure release)	EDS II SG1/1 Controller
Compatible REA JET ink supply units (TV)	TV-E (for non-pigmented ink, built-in electrical compressor) TV-F (for non-pigmented ink, connected to external compressed air supply) TV-PP (for pigmented ink, built-in electrical pump) TV-PL (for pigmented ink, connected to permanently attached external compressed air supply)	TV-E (for non-pigmented ink, built-in electrical compressor) TV-F (for non-pigmented ink, connected to external compressed air supply)	TV-E (for non-pigmented ink, built-in electrical compressor) TV-F (for non-pigmented ink, connected to external compressed air supply)
Special features	up to 1 KHz ink pressure 0,2 - 0,4 bar ink pressure max 0,8 bar	input signal control through customer SPC	Optional with opt. drop recognition for quality control (e.g. verification management of flux material in the soldering industry)
Dimensions, standard version (length x width x height in mm, weight in grams)	70 x 30 x 30 mm 215 g	70 x 30 x 30 mm 157 g	78 x 30 x 18 mm 340 g

* = revised version 2009