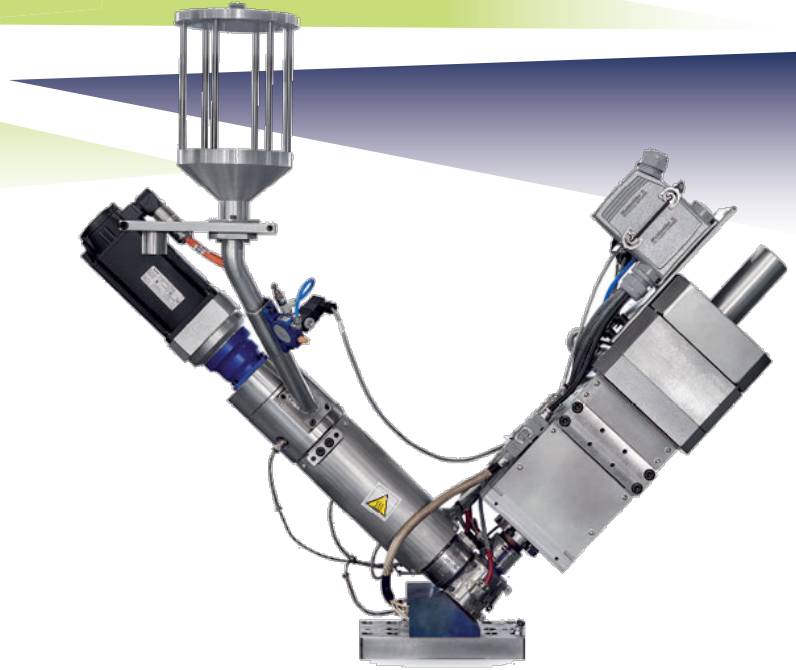
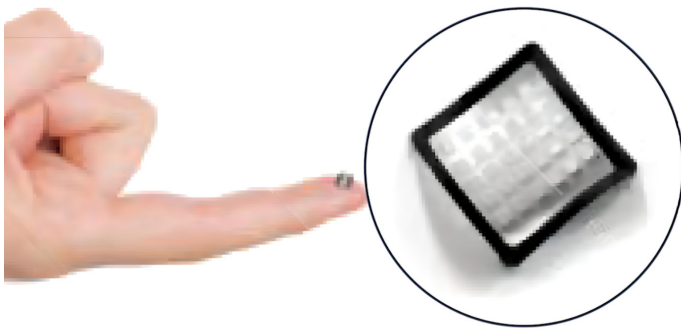


# Micro Add-on Unit

## 2-STAGE INJECTION

### Made for Medical

- All-electric
- High precision
- High repeatability



### PRECISION ELECTRIC INJECTION

Highly demanding industries such as medical, electronics and packaging require an extremely accurate and repeatable injection process. Plasdan developed the new line of fully electric injection units, capable of injecting below 1 cm<sup>3</sup>. These injection units are offered as stand-alone devices or integrated into a completely automated production line.



Inj. Unit	Units	EP.0004			EP.0023			EP.0064		
Screw Ø	mm	14			16			20		
	in	0,55			0,63			0,79		
Piston Ø	mm	4,5	5	5,5	8	10	12	14	16	18
	in	0,18	0,20	0,22	0,31	0,39	0,47	0,55	0,63	0,71
Swept Volume	cc	1,1	2,0	2,9	7,0	11,8	18,1	21,6	32,2	45,8
	Fl.oz	0,04	0,07	0,10	0,24	0,40	0,61	0,73	1,09	1,55
Max. Inj. Pres. <sup>1</sup>	bar	2000	2000	1650	2200	2000	1500	2200	2000	1600
	psi	29008	29008	23931	31908	29008	21756	31908	29008	23206
Piston stroke	mm	70	100	120	140	150	160	140	160	180
	in	2,76	3,94	4,72	5,51	5,91	6,30	5,51	6,30	7,09
Screw Torque	Nm	26,44			37,90			69,25		
Max. Inj. speed	mm/s	450			450			350		
	in/s	17,72			17,72			13,78		
Max. Inj. rate <sup>2</sup>	cc/s	7,2	8,8	10,7	22,6	35,3	50,9	53,9	70,4	89,1
	Fl.oz/s	0,24	0,30	0,36	0,76	1,19	1,72	1,82	2,38	3,01
Screw speed	RPM	450			450			450		

