

## piINLINE® Plus family



The ultra-lightweight vacuum ejectors feature a unique and integrated automatic release mechanism, and come in compact, minimised packages. Tailor-made for automotive press-shop automation, piINLINE®plus generators utilise the COAX® technology, ensuring low air consumption (typically 25 percent lower than competing technology), excellent suction capacity, and fast evacuation. Generators can be configured with either one or two MICRO COAX® cartridges; two cartridges for larger suction cups in high speed applications, or one cartridge for smaller suction cups or for reduced air consumption when high speed is not essential.

The integrated release function is available in two optional designs – the easily controllable Atmospheric Quick Release (AQR), which requires no extra compressed air hose, and the very fast performing Exhaust Block Release (EBR).

### VACUUM FLOW

COAX® cartridge	Feed pressure	Air consumption	Vacuum flow (l/s) at different vacuum levels (-kPa)										Max vacuum
	MPa		0	10	20	30	40	50	60	70	80	-kPa	
MICRO Ti05-2	0.5	0.64	0.62	0.56	0.48	0.38	0.26	0.14	0.06	0.02	0.004	81	

### EVACUATION TIMES

COAX® cartridge	Feed pressure	Air consumption	Evacuation time (s/l) to reach different vacuum levels (-kPa)								Max vacuum
	MPa	NI/s	10	20	30	40	50	60	70	80	-kPa
MICRO Ti05-2	0.5	0.64	0.17	0.36	0.6	0.9	1.4	2.4	4.9	13.3	81

**ORDERING INFORMATION**

For a complete list of available pumps and combinations with further information visit [piab.com](https://piab.com). On our webpage you will also be able to find dimensional drawings, CAD-drawings and much more. Register and get full access to all resources available.

**piINLINE® PLUS – CUSTOMER CODE**