

NX 110

PNX40E



BRAND NEW SUPPLEMENT FOR SMARTER INJECTION MOLDING!

Low-Pressure Injection Molding Application Software for Hybrid Machines



1-50P

Low-Pressure Molding System for Hybrid Type Injection Molding Machine

SAPLI Series is a low-pressure molding software application that brings



Shift from "High-Speed Injection, High-Pressure Injection, and High-Pressure Clamping"

to "Low-Speed Injection, Low-Pressure Injection, and Low-Pressure Clamping"





No Warpage and Sink Mark Meaning No Lengthy Pressure Holding Time Needed: Shortening the Cycle

	In addition, it is tolerant to unstable factors (using regrind material) and external disturbance, improving yield!		Product: ribbed test piece Resin: ABS		
				Ceneral	N-SAPLI
Weight of product (g)	Comparison of Conventional Condition & N-SAPLI	Even when 100% regrind	Ave (g)	19.0076	18.4084
	19.0 ************************************	material is used,	Max (g)	19.0325	18.4316
	Conventional (Virgin material)	N-SAPLI can achieve Virgin Material Level of Stable Molding!	Min (g)	18.9514	18.3820
			Range (g)	0.0811	0.0496
			SD	0.0125	→0.0105
			6CV	0.4264	→0.3424
-	1 10 20 30 40 50		$\%6cv = \frac{6 \cdot \sigma n}{\nabla} \times 100(\%)$		
Number of shots It is safe even if 100% regrind material is used					

This system is an optional feature.

This system can be installed on to NISSEI TACT Controller equipped machines. NISSEI does not guarantee that N-SAPLI Series works for all types of mold and material. Specifications are subject to change without notice due to continuous performance improvement.

