

**A VERSATILE,  
TABLE-TOP  
R&D BLISTER  
PACKAGING  
MACHINE FOR  
STABILITY  
TRIALS**

**QUEST  
NANOBLIS**



Quest Nanoblis is a robust table-top blister packaging machine, ideal for clinical trial and feasibility and stability studies. It has a compact and portable design, measuring less than 1.5 m in length and weighing just over 100 kg. However, what makes it unique is that it is a trailblazer in the field of multiple-stage, concurrent-motion blister packaging for R&D purposes.

**Features**

- Compact footprint
- cGMP-compliant
- Balcony-type design
- Suitable for thermoform and cold-form applications
- Plug-assisted forming for uniform cavity thickness
- User-friendly machine—ergonomically designed with touchscreen HMI and a comfortable manual feeding area with feeding tray and customized tooling
- Round edge cutting of blister for aesthetics
- Fast and easy changeover including setting of format parts
- Inexpensive tooling
- Provision to accommodate perforation or embossing tool
- Assured scalability with verified pressure and temperature parameters

## TECHNICAL SPECIFICATIONS

<b>Output</b>	30 cycles/min
<b>Format area</b>	Max: 80 mm (width) X 38 mm (advance)
<b>Forming depth</b>	Up to 12 mm for thermoforming Up to 9 mm for cold-forming
<b>Forming speed</b>	Up to 30 cycles/min
<b>Noise level</b>	80 dB at 1 m
<b>Forming material</b>	PVC PVC/PVDC ACLAR Triplex (PVC/PE/PVDC) Cold-form foil (Alu)
<b>Forming material sizes</b>	Thickness: Max: 250 $\mu$ Min: 200 $\mu$ Width: 80 mm (max) Roll diameter: 300 mm (max)
<b>Lidding material</b>	Push-through (Alu) Peelable (Paper)
<b>Supply voltage</b>	1 Phase, 230 V AC $\pm$ 10%/3 Phase 220 V 60 Hz $\pm$ 5%
<b>Supply frequency</b>	50/60 Hz $\pm$ 2%
<b>Air pressure</b>	Max 6 bar, moisture- and oil- free air
<b>Air consumption</b>	5-7 CFM
<b>Cooling water temperature</b>	14-20°C for PVC 8-10°C for PVDC
<b>Machine dimensions (L X W X H)</b>	1707 mm X 1735 mm X 1677 mm (doors open)
<b>Net weight (approximately)</b>	210 kg
<b>Gross weight (approximately)</b>	310 kg

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