

Deployer SERIES 12U



DESCRIPTION

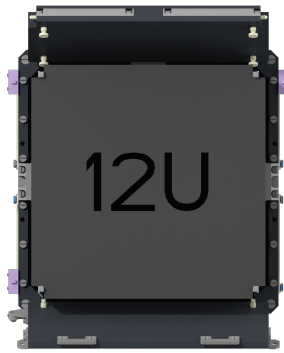
12U configuration for deployment of a single 12U-class spacecraft. Compatible with Angara, Soyuz/Fregat, PSLV, Start-1M and other launch vehicles. Customization available to match your spacecraft requirements.

SPECIFICATIONS

Parameter	Value
Type	Deployer
Series	12U/16U «SERIES»
Form factor	12U
Dimensions (L×W×H)	480 × 290 × 299 mm
Mass	8,5 kg
Max. satellite mass	26 kg
Separation time	≤ 1 c
Separation velocity	0.5 – 2.0 m/c
Angular separation velocity	≤ 2 °/c
Operating temperature, °C	–60°C to +60°C
Lead time	4 – 6 months
Manufacturer	KosmoLab
Country of manufacture	Russia

Price: from 5 000 000 RUB

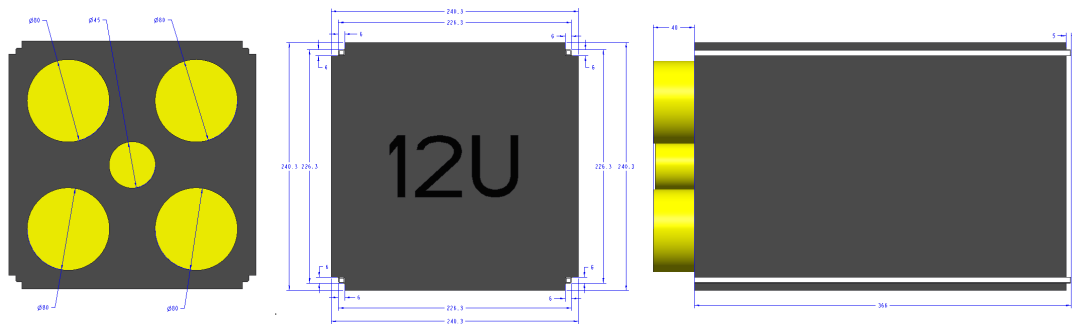
Spacecraft accommodation inside the container



CubeSat 12U Placement



CubeSat 12U Placement



CubeSat 12U Envelope

SUCCESSFUL FLIGHT LAUNCH

TPK SERIES deployer have been flight-qualified as part of the Angara-A5 launch vehicle (2024 launch). All satellites were successfully deployed into target orbits.



Placement of the KosmoLab launch container and control unit as a side load



Placement of the KosmoLab launch container and control unit as a side load



The process of preparing the launch vehicle for installation of the fairing



The process of preparing the launch vehicle for installation of the fairing



Launch of the Angara-A5 launch vehicle



"KosmoLab" LLC

Launch services · CubeSat containers · Separation systems

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