

Deployer SERIES 2x3U/1x6U



DESCRIPTION

Mixed configuration 2×3U/1×6U enables simultaneous deployment of two 3U and one 6U-class CubeSats in a single launch. Compatible with Angara, Soyuz/Fregat, PSLV, Start-1M. Customization available.

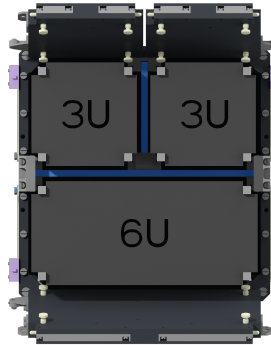
SPECIFICATIONS

Parameter	Value
Type	Deployer
Series	12U/16U «SERIES»
Form factor	2x3U/1x6U
Dimensions (L×W×H)	480 × 290 × 299 mm
Mass	9,5 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 6 000 000 RUB

PAYLOAD LAYOUT

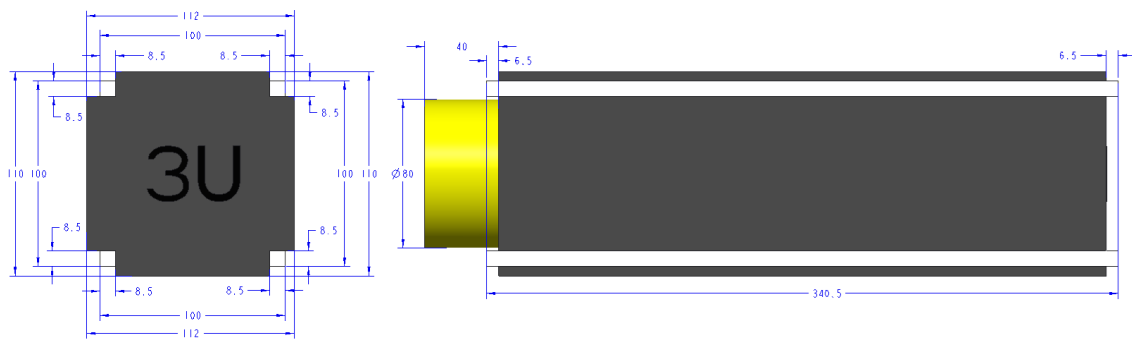
Spacecraft accommodation inside the container



CubeSat 2x3U-6U Placement



CubeSat 2x3U-6U Placement



CubeSat 3U Envelope



CubeSat 6U Envelope

SUCCESSFUL FLIGHT LAUNCH

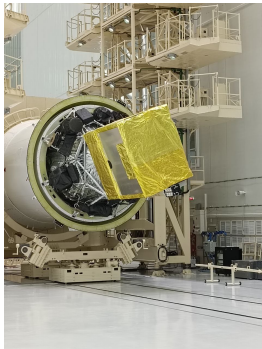
TPK SERIES deployer have been flight-qualified as part of the Angara-A5 launch vehicle (2024 launch). All satellites were successfully deployed into target orbits.



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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