

## Deployer SERIES 4x3U



### DESCRIPTION

4×3U configuration enables simultaneous deployment of four 3U-class CubeSats. Compatible with Angara, Soyuz/Fregat, PSLV, Start-1M and other launch vehicles. Customization available to match your CubeSat and launch vehicle requirements.

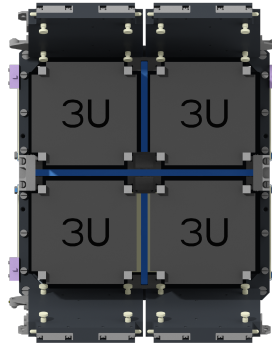
### SPECIFICATIONS

| Parameter                   | Value              |
|-----------------------------|--------------------|
| Type                        | Deployer           |
| Series                      | 12U/16U «SERIES»   |
| Form factor                 | 4x3U               |
| Dimensions (L×W×H)          | 480 × 290 × 299 mm |
| Mass                        | 10 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

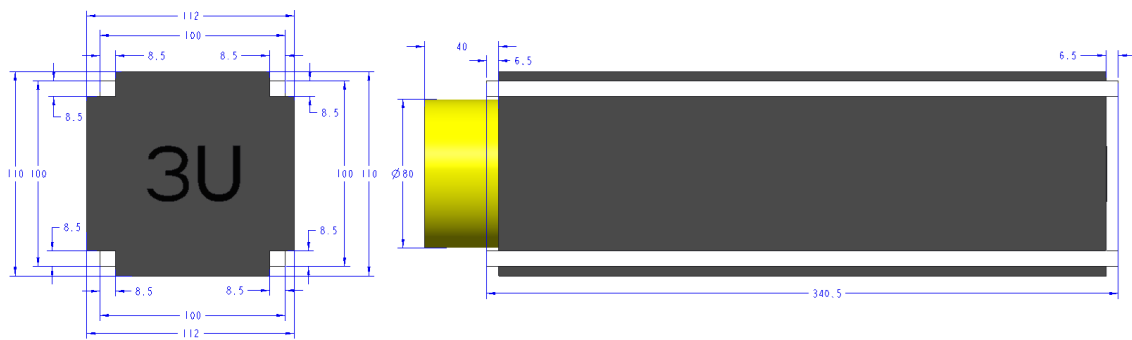
Spacecraft accommodation inside the container



CubeSat 3U Placement



CubeSat 3U Placement



CubeSat 3U 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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