



hemeria



OBSERVATION



COMMUNICATION

# Stratospheric balloons

Low cost of access to the stratosphere Large payload capacity

HEMERIA designs and manufactures stratospheric balloons intended to carry scientific, technical and observation missions up to 45 km into the stratosphere.



Approved by: CNES, SSC Space, Spaceline

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### Zero pressure stratospheric balloons

	3 ZP	12 ZP	50 ZP	150 ZP	800 ZP
<b>Altitude</b>	Up to 26.5 km	Up to 29 km	Up to 35 km	Up to 37.5 km	Up to 43.5 km
<b>Volume</b>	~ 3,000 m <sup>3</sup>	~ 12,000 m <sup>3</sup>	~ 50,000 m <sup>3</sup>	~ 150,000 m <sup>3</sup>	~ 800,000 m <sup>3</sup>
<b>Payload</b>	Up to 300 kg	Up to 550 kg	Up to 700 kg	Up to 1,050 kg	Up to 1,750 kg

#### Missions:

- Science
- Near Space Testing
- Drop Test
- Earth observation
- Near Space Tourism



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### Pressurized stratospheric balloons

<b>Altitude</b>	Up to 20 km
<b>Flight duration</b>	Several months
<b>Payload</b>	Up to 50 kg
<b>Dimensions</b>	11 and 13 m

Standard range, other dimensions available on request



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