



On sale

PARASAFE

'PARASAFE' is an emergency parachute safety system for industrial drones, which opens a parachute instantly by triggering manually or automatically to activate pyrotechnics upon detecting an anomaly in the drone, safely bringing the drone to the ground.

At Nippon Kayaku, we develop, manufacture, and sell automotive safety parts globally such as airbag inflators, and gas generators for seatbelt pretensioners. Based on the technology we have established and perfected, we successfully developed 'PARASAFE'.



Specifications of each parachute system

	Parasafe 10 (ARS10)	Parasafe 25 version 2 (ARS25)	Parasafe 40 (ARS80P)
Weight	550grams 1.2lb	650grams 1.4lb	1,400grams 3.1lb
Product Size	Φ 110mm x H135mm = Φ4.3" x H5.3"	Φ 110mm x H135mm = Φ4" x 5"	Φ 130mm x H154mm = Φ5.1" x H6"
Performance Supportable Weight	15kg = 33lbs	25kg = 55lbs	40kg = 88lbs
Parachute Size (Area)	5.8m ² = 62sqft	7.9m ² = 85sqft	14m ² = 151sqft
Decent Rate	5.4 m/s at 12kg	6 m/s at 25kg	6 m/s at 40kg
Decent velocity	30m~ 150m	30m~ 150m	30m~ 150m



(MTS) Manual Trigger System

Dimension	W 84 mmxD 60 mmxH 37 mm
Weight	120g
Operating Temp	0 - 40°C
Weather Performance	IP54

ATS (Automatic Trigger System) is also available. For more details, please contact us.

Parachute opening scene

