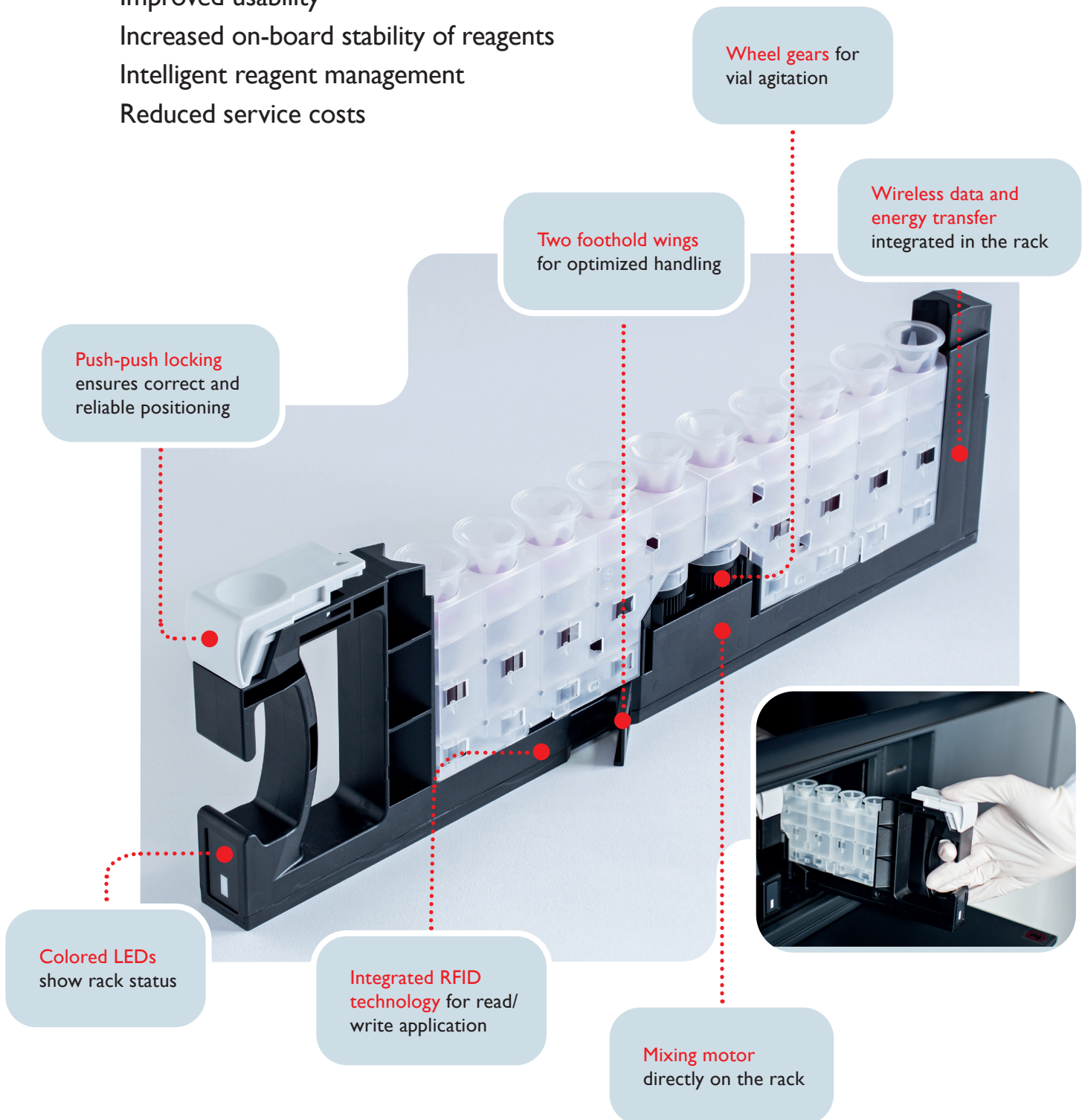


## REAGENT RACK & BAY

- Reduced instrument downtime
- Flexible on-board bead resuspension
- Improved usability
- Increased on-board stability of reagents
- Intelligent reagent management
- Reduced service costs



Push-push locking ensures correct and reliable positioning

Two foothold wings for optimized handling

Wheel gears for vial agitation

Wireless data and energy transfer integrated in the rack

Colored LEDs show rack status

Integrated RFID technology for read/write application

Mixing motor directly on the rack

The STRATEC Reagent Rack and Bay system is a flexible and smart module for reagent loading and storage in fully automated analyzers. Autonomous Reagent Racks are equipped with a flexible agitation functionality and a read/write RFID technology for reliable reagent identification and management.

Inserted racks are automatically recognized and designed for independent rack agitation on the Loading Bay. Rack specific agitation profiles allow configuring

the mixing speed per lane. One mixing motor allows resuspension of magnetic particles on two agitation sides per rack.

A wireless power and data transfer between racks and Loading Bay facilitates the safe on-board handling of two assays per rack. No barcode scanners are required and integrated RFID antennas retrieve reagent specific information from STRATEC's primary reagent package, the Reagent Cartridge.

## SPECIFICATIONS

<b>Number of Reagent Cartridges per Reagent Rack</b>	2 (5 vials each, 1 agitated)	
<b>Capacity Loading Bay</b>	8 Reagent Racks	
<b>Cooling temperature</b>	10 ± 2 °C	
<b>Agitation performance</b>	0 - 500 rpm	
<b>Dimensions [H W D]</b>	Reagent Rack	121.2 26 387 mm
	Loading Bay	273 316 472.5 mm
<b>Weight</b>	Reagent Rack without Reagent Cartridges	250 g
	Loading Bay without Reagent Racks	11.3 kg (12 kg with shutter)
<b>Power requirements</b>	24 V <sub>DC</sub> ± 5 %, 3 A	
<b>Communication</b>	RS232, TCP/IP	

## COMPLEMENTARY TECHNOLOGY: STRATEC REAGENT CARTRIDGE

STRATEC provides an innovative Reagent Cartridge, which is optimized to cover your needs including increased on-board stability of your reagents, flexibility and traceability.



Further details can be found on

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