

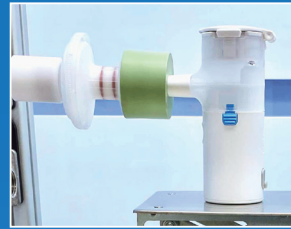
## AdheResp® Platform Technology



Mature and reliable mesh technology with Pd alloy mesh membranes



Bluetooth connectivity technology and NFC activation to monitor adherence



Flexible customization platform and professional advice for product development

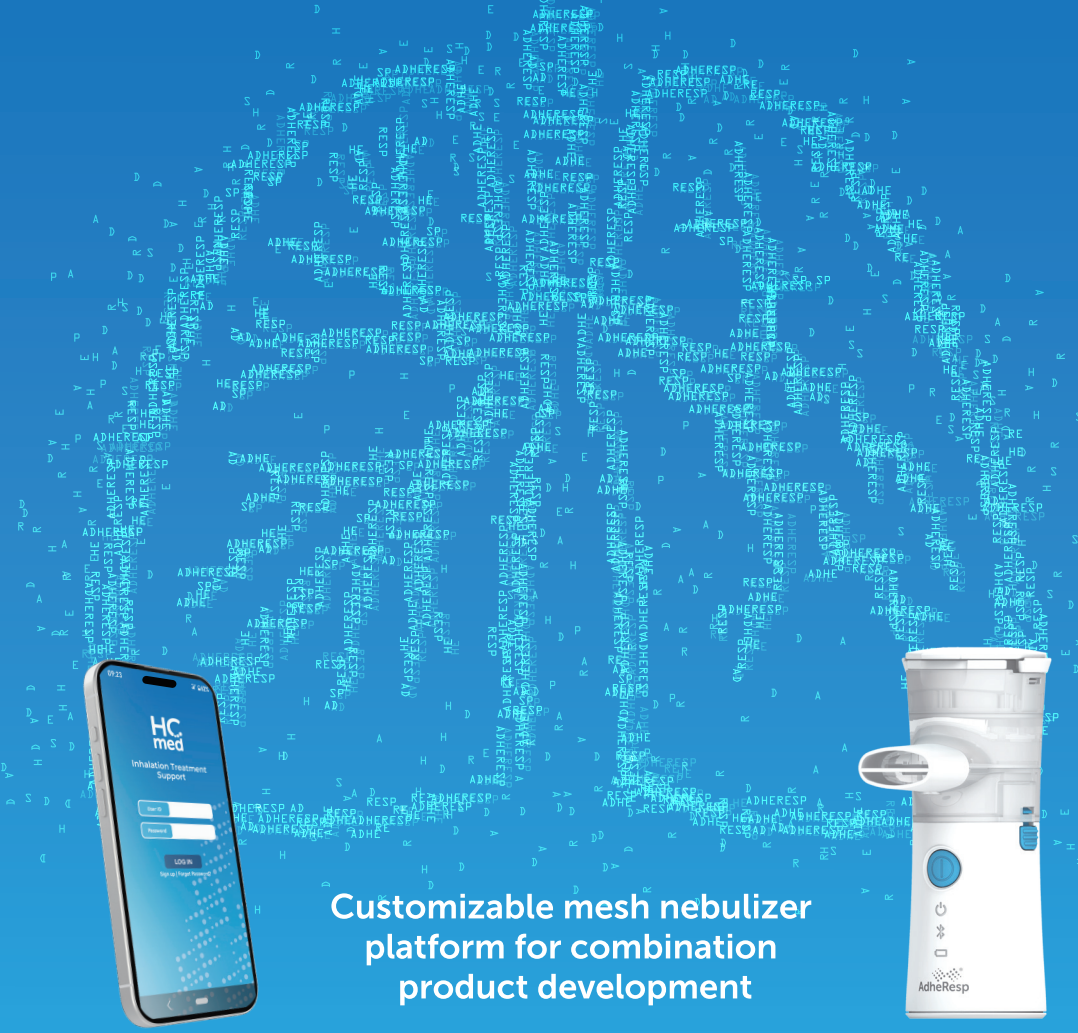
We also support feasibility and customization aerosol performance studies in our state-of-the-art laboratories, including:

- Aerodynamic particle size distribution (cascade impactor)
- Droplet particle size distribution (laser diffraction particle size analyzer)
- Total drug substance delivered (breath simulator)
- Delivery rate and residue tests

## AdheResp® Standard Platform Specifications

Model	HCM-ADP-01
Dimensions	Approx. 91 mm (L) x 55.5 mm (W) x 133 mm (H)
Weight	Approx. 170g (including battery)
Battery	Li-ion (up to 300 min in one charge - USB-C port)
Power consumption	Approx. 1.2W
Battery voltage	3.5-4.2V
Min. fill volume	0.5mL
Max. fill volume	8.0mL
Nebulization rate	≥ 0.25mL/min (tested in continuous output)

## Smart Breath-actuated Mesh Nebulizer AdheResp®



Customizable mesh nebulizer platform for combination product development



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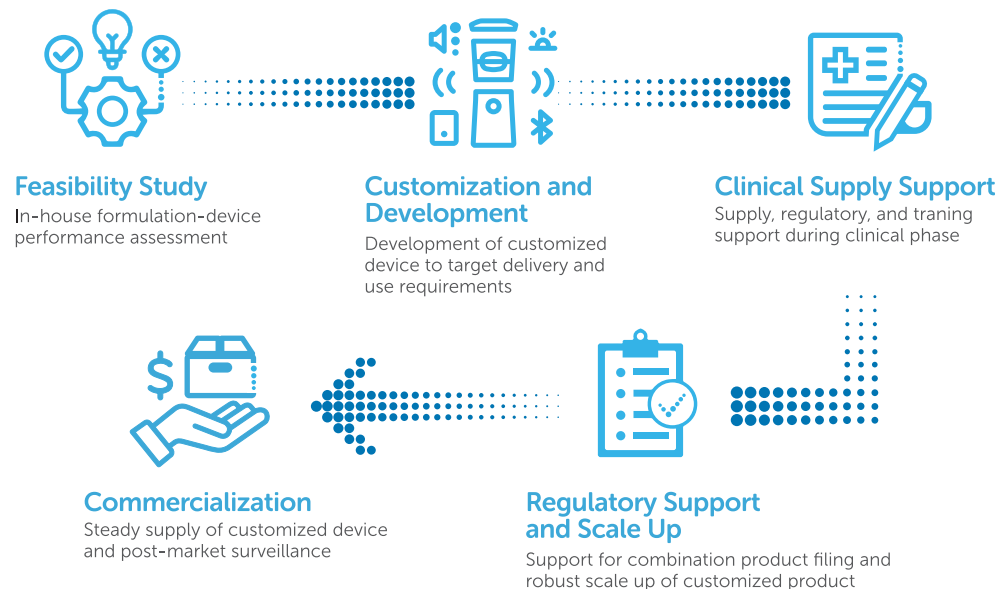


HCmed

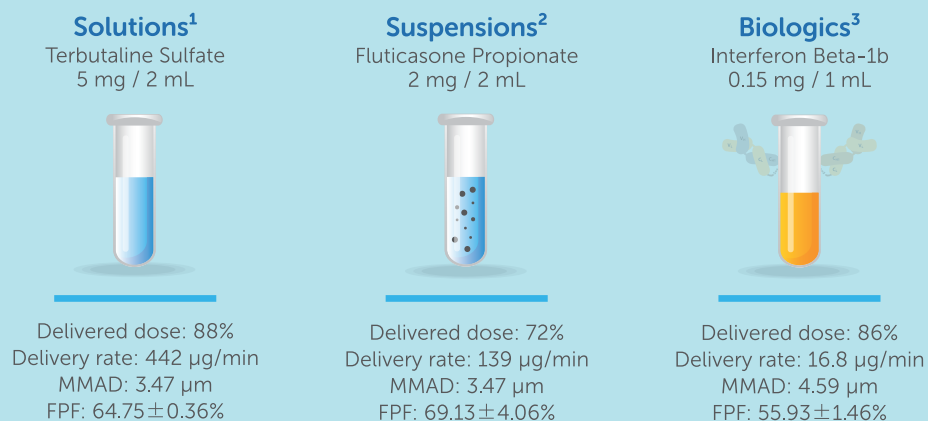
The ideal delivery platform for your inhaled combination product development

The AdheResp® Smart Breath-actuated Mesh Nebulizer is the exceptional delivery platform to develop your inhaled combination product

We offer an integrated development path for your drug-nebulizer development



Deliver a wide range of formulations, including difficult-to-deliver drugs such as biologics and suspensions



Together we develop the optimal drug-nebulizer product for your inhaled formulation, using the different customization levels of the AdeheResp® Platform

