DATASHEET

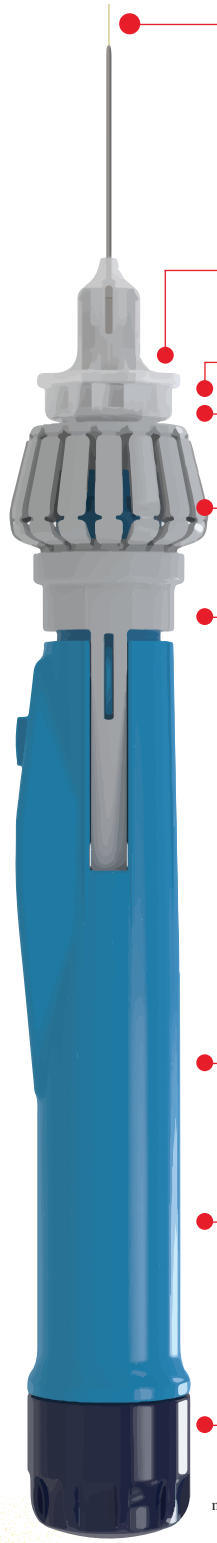
A Delivery Solution for Subretinal Gene Therapy

Advent R400e

It's all about the Bleb

Highlights

- Consistent and Controlled Bleb Creation
- Electronic Dose Monitoring (Microliter Resolution)
- Dosing Volumes up to 350 µL
- Configurable Delivery Rates from 100-1000 µL/min
- Tablet Connectivity via Bluetooth
- Configurable for 23-27 Gauge Cannula
- Visual LED Feedback
- Audio Feedback
- Single Handed Use



Investigational device not yet approved for sale.

About Altaviz

Altaviz was founded in 2012, by an experienced team of medical design engineers who collectively had a passion for working in a creative environment. The Altaviz Team's focus was to design and manufacture products that improved patient safety and enabled medical practitioners to improve their practices. The name "Altaviz" was chosen to represent the company's vision. "Alta" for a commitment to high standards and viewing problems from a higher plane; and "viz" for the vision into what is needed to solve the challenges and meet the objectives of our clinician, surgeon and patient customers.

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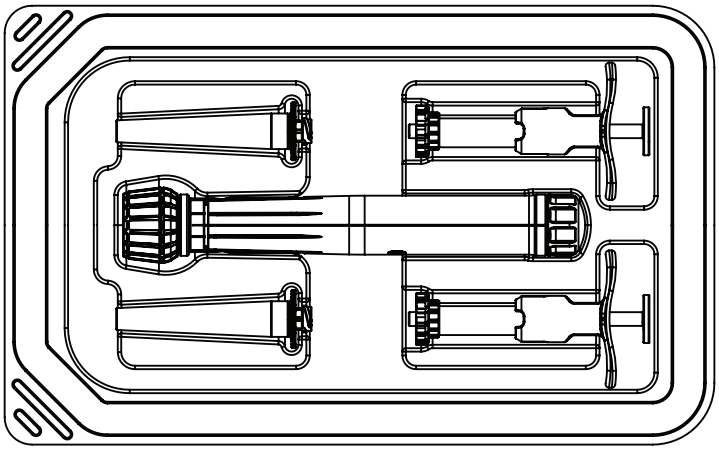
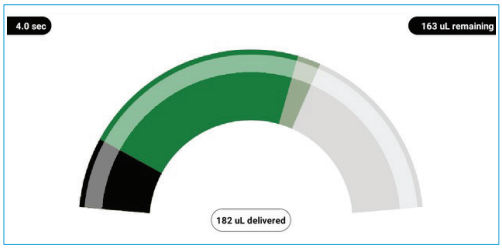
Delivery System Attributes	Advent	Current	Comments
Bleb Initiation Control	**Controlled**	Uncontrolled	Highest initiation pressure, consistency confirmed in wet labs
Bleb Filling Control	**Controlled**	Uncontrolled	Smooth, flow-controlled filling confirmed in wet labs
Delivery Method Consistency Across Surgeons	**Consistent**	Inconsistent	High-value surgery not compromised; augments average surgeon's success
Clear, Accurate Dose Monitoring	**Reliable**	Unreliable	Eliminates math, syringe readability, and assistant communication errors
Surgeon Feedback of Dose Completion	**Precise**	Human Dependent	Audible beep warns and confirms delivery to surgeon
Post-Procedure Delivered Dose Volume	**Accurate**	Human Dependent	Accurate recording eliminates math and readability errors
Dependence on console performance	**NO**	Yes	Multiple consoles introduce delivery performance variance, regulatory risk
Training to single IFU method	**BEST**	Worst	Single system ensures consistency, efficiency. Eliminates inconsistency from training to multiple consoles, products, techniques
SKUs	**One**	Mulltiple	Viscous Fluid Control Pak; third party syringe kit; third-party delivery cannula; Increases logistics, supply and regulatory (i.e., off-label use) risk

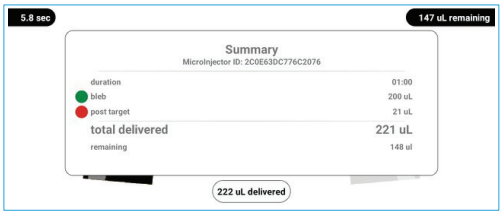
A Complete System

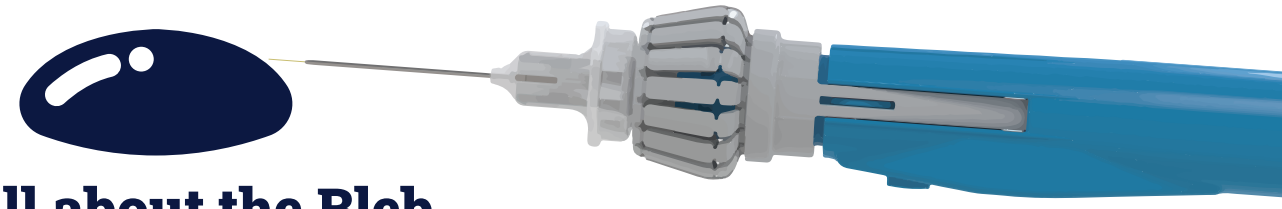


KIT INCLUDES: ▸ Advent R400e (1) ▸ Self-Priming Transfer Syringes (2)

Dose Monitoring







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