





"We are excited to continue our partnership with the Helix Design team as we introduce our latest hand-held device into our RMLD product line."

Kevin Bendele

Director of Engineering Heath Consultants Incorporated











- Need for a next generation enclosure design with intuitive user interface
- Ergonomic and rugged design to environmentally protect internal optics and hardware components
- Accessory development to include:
 - o Dual battery charging system
 - o Battery enclosure
 - o Safety/utility vest and harness

SOLUTIONS:

- · Durable, light weight enclosure with ergonomic over molded elastomer grips and
- Meets IP54 environmental standards
- · Internal mounting to reduce vibration and shock
- · Intuitive battery enclosure and dual battery charging system
- · Multiple utility vest and harness options for enhanced comfort and safety











HELIX'S APPROACH:

- Develop industrial design solutions to address appropriate family aesthetics, user experience, and mechanical assembly
- Create soft models and mock ups to test ergonomics and relative size
- Refine design and create 3D CAD geometry
- Utilize internal 3D printing capabilities to further test ergonomics, assembly and component fit
- Create multiple prototypes for field test, sales demos and tradeshow display
- Complete production design and document for release to tooling manufacturer