

TEKREX[®]

Case Studies

PCB Test System

A manufacturer needed to test devices that attach to their industrial motors along several stages in the potting process.

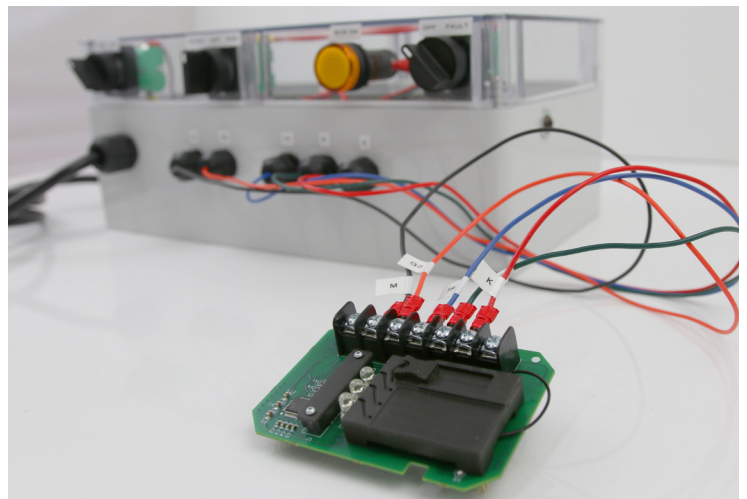
Their original testing device presented several ergonomic and safety challenges due to exposed wiring. It was also one-of-a-kind system and couldn't be loaned.

Challenge

Our Solution

TekRex took the core design and created a new solution using a combination of off-the-shelf parts and custom 3D printing.

Special pains were taken to design mounts that prevent the components from shorting out and for the enclosure to be as safe and easy to use as possible.



Results



The result was a testing system that was so improved over the original that the client requested a portable, battery-powered version.



The improved design also meant that the client's partnering manufacturers were able to more quickly and safely test and assemble their products, leading to improved lead times and product quality.