



# Application & Support Engineer

## Company Overview

Join Precision MicroDynamics (PMDi) and discover a world of ultra precision motion control and automation. Help develop technologies used to make some of the most advanced products in the world including: smart phones and tablets, super clear optics, scientific instruments, advanced aerospace and automotive components and semiconductor chips.

PMDi values commitment, integrity, truth, and respect in how we operate and what we do. We value a culture that is innovative, creative, and competitive; one that fosters a climate of high team spirit, fun and accomplishment; and one that promotes personal growth and development. We strive to empower our employees to achieve their potential.

## Job Summary

This exciting and challenging position involves helping customers with the installation, use and optimization of our new motion control platform Polaris™, the world's most advanced motion control system.

Customer support and training is performed remotely from our headquarters in Victoria B.C., and it is performed at customer sites around the world. The candidate will install, debug, troubleshoot and analyze electro-mechanical systems. The candidate is expected to set up and tune high performance automated machines and devices to the highest standards.

The position will also involve testing and tuning new and novel high performance actuators in the lab, testing new product designs and developing automated test equipment for our production department.

## Responsibilities

- Support customers with the use of our products.
- Answer customer questions in a clear and timely manner.
- Support customers from our home office.
- Support customers on site.
- Worldwide travel to customer sites.
- Design and deliver product training.
- Design and improve the support process.
- Design production testing equipment.



- Test product designs.

## Qualifications

- Fields that will be considered include: Electrical, Mechanical, Electronics, Mechatronics and Robotics Engineering.

## Basis of Evaluation

- Installing and troubleshooting electro-mechanical systems.
- Installing electrical power systems.
- Electrical grounding techniques.
- Setting up PLCs and motion control systems.
- C-programming.
- Using feedback control systems.
- Digital filters.
- Working in a collaborative development environment.
- Customer support.
- Managing multiple priorities.

## How to Apply

Please submit your resume and cover letter to [careers@pmdi.com](mailto:careers@pmdi.com) with subject line “Application Engineer.” Candidates who are qualified to work in Canada will be considered.

## Other Info

Precision MicroDynamics is located in Victoria, B.C. on beautiful Vancouver Island. We offer a competitive salary and a comprehensive extended health package. If you are self motivated and enjoy working in a professional environment with a bright and talented team of product developers, you’ve found the right place. We’d love to hear from you.