

# Creep Fatigue Testing Machine

This highly integrated machine features an integrated temperature control system to save space. Ethernet distributed control facilitates rapid data transmission and simplified wiring.



## System Overview

### Advanced High-Temperature Testing Solution

The RPL series is a versatile electronic testing platform engineered for high-temperature material evaluation. It excels in diverse testing applications including basic creep, stress relaxation, durability, and complex creep-fatigue interactions. Featuring a modular design, it supports both static and dynamic testing configurations with automated controls.

## Technical Capabilities

### Dynamic Process Modes

- Tension-tension mode
- Tension-stress mode
- Over-zero continuous cycling

### Supported Testing Modes

Creep, Relaxation, Durability, Compressive Strength, Low-cycle Fatigue, Creep-Fatigue Interaction

## System Integration

### Modular Components

- Draw bars
- Specialized grips
- Extensometers
- High-temperature furnaces

### Control System

Fully Automatic • Specialized Controller • High-Precision Data Acquisition