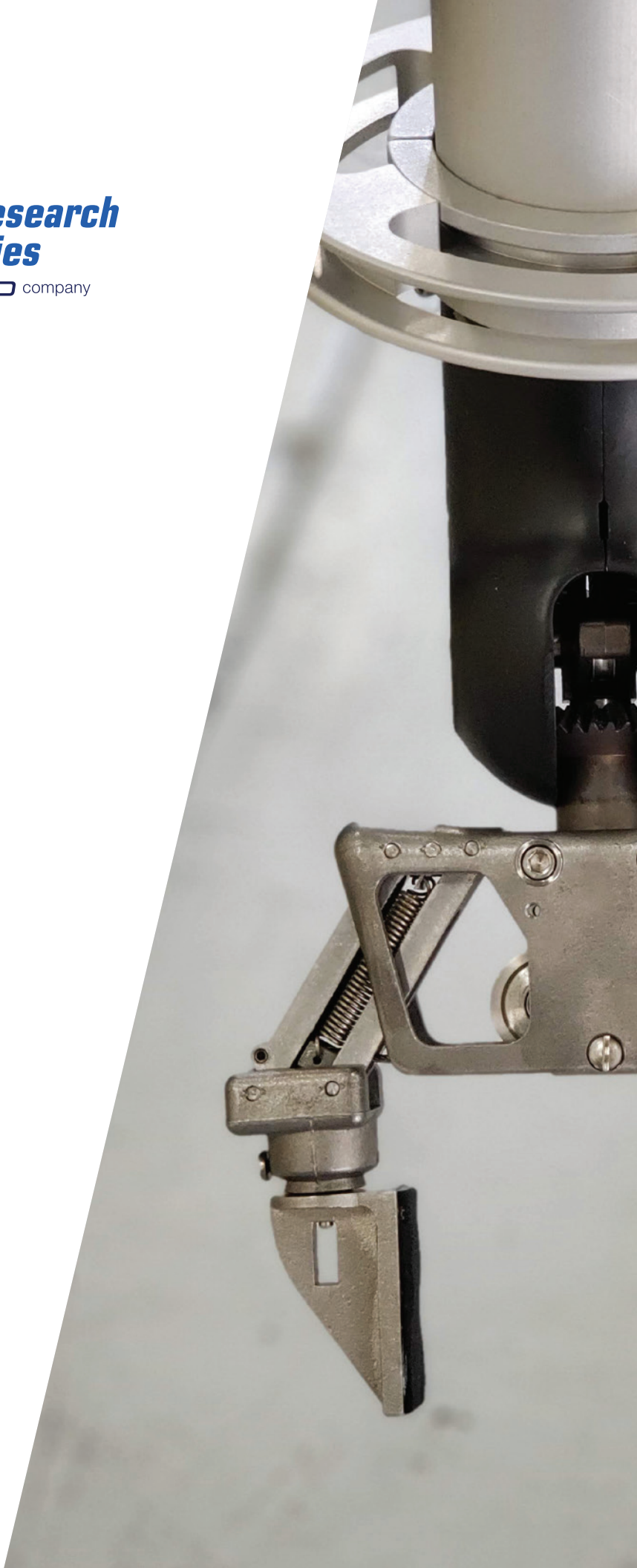




# TELEMANIPULATOR TRAINING GUIDE



1-PIECE

# MODEL G-SERIES TELEMANIPULATOR TRAINING

These courses are limited to 1-2 individuals per session for maximum training benefit. 3-4 individuals requires additional instructor. Adding more people to these sessions will be subject to additional fees and duration.

## LOCATION

**CRL Production Site Training:** Personnel training on telemanipulators and/or related equipment at CRL's facility will be charged a flat fee for each course. Not all equipment models are available at CRL for training other than during production.

**Onsite Training:** Personnel training on telemanipulators and/or related equipment at the customer's facility will be charged a flat fee for each course. This includes travel to the site.

## OPERATION TRAINING

½ -1 DAY

ONSITE ONLY

### TRAINING OBJECTIVES

- Basic operations, limitations, and terminology
- Overview and operations of accessories

### STAFF CONCERNED

This course is ideal for technicians using telemanipulators for tasks in hot cells.

## MAINTENANCE TRAINING

4 DAYS

1-2 TRAINEES

### TRAINING OBJECTIVES

- Wrist Joint: Assembly, Timing, Repair, and Practical Exercise
- Handle & Tong: Repair, Cabling
- Master & Slave Arm Preparation for Cable Stringing
- Manipulator Stringing & Tensioning
- Accessories & Optional Equipment
- Repair & Restringing

### STAFF CONCERNED

This course is ideal for maintenance staff performing repairs on telemanipulators.



1-PIECE

# MODEL E & F SERIES TELEMANIPULATOR TRAINING

These courses are limited to 1-2 individuals per session for maximum training benefit. 3-4 individuals requires additional instructor. Adding more people to these sessions will be subject to additional fees and duration.

## LOCATION

**CRL Production Site Training:** Personnel training on telemanipulators and/or related equipment at CRL's facility will be charged a flat fee for each course. Not all equipment models are available at CRL for training other than during production.

**Onsite Training:** Personnel training on telemanipulators and/or related equipment at the customer's facility will be charged a flat fee for each course. This includes travel to the site.

## OPERATION TRAINING

½ -1 DAY

ONSITE ONLY

### TRAINING OBJECTIVES

- Basic operations, limitations, and terminology
- Overview and operations of accessories

### STAFF CONCERNED

This course is ideal for technicians using telemanipulators for tasks in hot cells.

## MAINTENANCE TRAINING

5 DAYS

1-2 TRAINEES

### TRAINING OBJECTIVES

- Wrist Joint: Taping, Timing, Repair, and Practical Exercise
- Handle & Tong: Repair, Cabling
- Master & Slave Arm Preparation for Cable Stringing
- Manipulator Stringing, Tensioning, and Repairs
- Accessories & Optional Equipment
- Repair & Restringing

### STAFF CONCERNED

This course is ideal for maintenance staff performing repairs on telemanipulators.





3-PIECE

# MODEL R & VERSA TELEMANIPULATOR TRAINING

These courses are limited to 1-2 individuals per session for maximum training benefit. 3-4 individuals requires additional instructor. Adding more people to these sessions will be subject to additional fees and duration.

## LOCATION

**CRL Production Site Training:** Personnel training on telemanipulators and/or related equipment at CRL's facility will be charged a flat fee for each course. Not all equipment models are available at CRL for training other than during production.

**Onsite Training:** Personnel training on telemanipulators and/or related equipment at the customer's facility will be charged a flat fee for each course. This includes travel to the site.

## OPERATION TRAINING

1 DAY

ONSITE ONLY

### TRAINING OBJECTIVES

- Basic operations, limitations, and terminology
- Overview and operations of accessories

### STAFF CONCERNED

This course is ideal for technicians using telemanipulators for tasks in hot cells.

## MAINTENANCE TRAINING

8-10 DAYS\*

1-2 TRAINEES

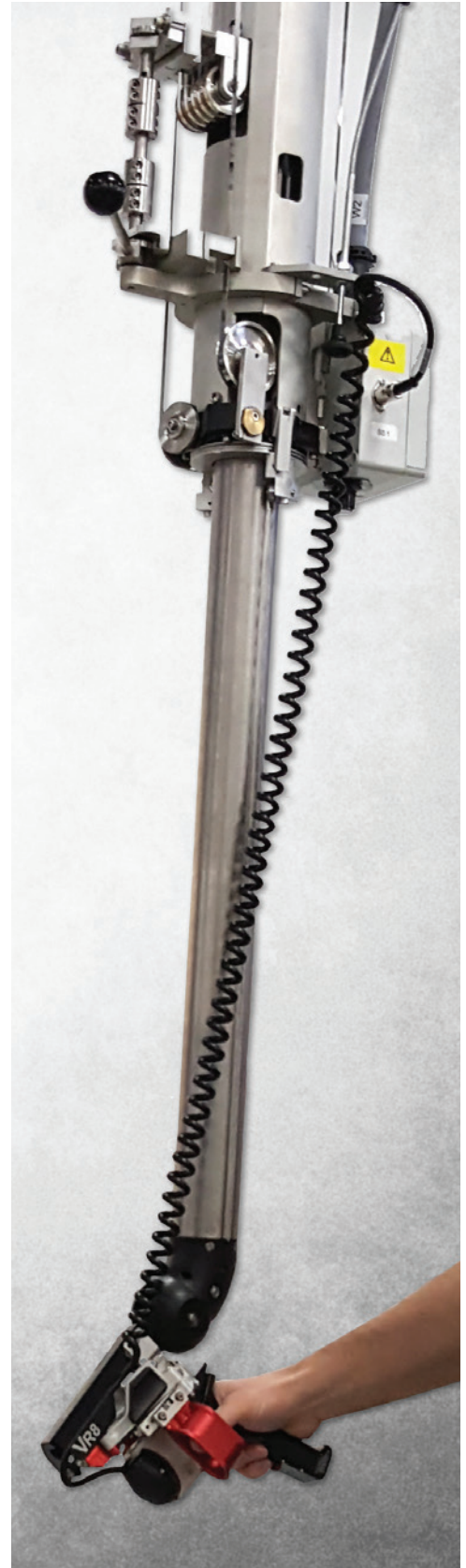
*\*2 week requirement*

### TRAINING OBJECTIVES

- Wrist Joint: Taping, Timing, Repair, and Practical Exercise
- Handle & Tong: Repair, Cabling
- Master & Slave Arm Preparation for Cable Stringing
- Manipulator Stringing, Tensioning, and Repairs
- Accessories & Optional Equipment
- Repair & Restringing

### STAFF CONCERNED

This course is ideal for maintenance staff performing repairs on telemanipulators.



3-PIECE

# MODEL L TELEMANIPULATOR TRAINING

These courses are limited to 1-2 individuals per session for maximum training benefit. 3-4 individuals requires additional instructor. Adding more people to these sessions will be subject to additional fees and duration.

## LOCATION

**CRL Production Site Training:** Personnel training on telemanipulators and/or related equipment at CRL's facility will be charged a flat fee for each course. Not all equipment models are available at CRL for training other than during production.

**Onsite Training:** Personnel training on telemanipulators and/or related equipment at the customer's facility will be charged a flat fee for each course. This includes travel to the site.

## OPERATION TRAINING

1 DAY

ONSITE ONLY

### TRAINING OBJECTIVES

- Basic operations, limitations, and terminology
- Overview and operations of accessories

### STAFF CONCERNED

This course is ideal for technicians using telemanipulators for tasks in hot cells.

## MAINTENANCE TRAINING

5 DAYS

1-2 TRAINEES

### TRAINING OBJECTIVES

- Wrist Joint: Assembly, Timing, Repair, and Practical Exercise
- Handle & Tong: Repair, Cabling
- Master & Slave Arm Preparation for Cable Stringing
- Manipulator Stringing & Tensioning
- Accessories & Optional Equipment
- Repair & Restringing

### STAFF CONCERNED

This course is ideal for maintenance staff performing repairs on telemanipulators.





**CRL HEADQUARTERS/SUPPORT**

3965 Pepin Avenue  
Red Wing, MN 55066  
Tel: +1-651-385-2142  
Toll Free: +1-800-934-1562  
[info@crlsolutions.com](mailto:info@crlsolutions.com)

***[crlsolutions.com](http://crlsolutions.com)***