

# CSIR INSTRUMENTS AVAILABLE FOR *Sale*

TEN INSTRUMENTS ARE AVAILABLE  
FOR SALE AND CAN BE VIEWED AT  
THE PILOT PLANT IN BUILDING 18A.

THE LIST IS AS FOLLOWS:



## 40L BATCH DISTILLATION COLUMNS

**DESCRIPTION:** 40L fractional distillation glass columns; packing is available and requires steam for heating input.

**This instrument is not functional and requires maintenance.**



## POPE 4"

**DESCRIPTION:** A 4-inch wiped film molecular distillation unit comprises a vacuum distillation column.

**This instrument is not functional and requires maintenance, as well as a new vacuum pump and oil heater.**



## 200L GLASS VESSELS

**DESCRIPTION:** 200L glass vessels are available on stands with clamps.

**Requires maintenance and steam if heating is needed.**



## WIPE FILM COLUMN

**DESCRIPTION:** A wiped film column, glass fabricated with multiple feed and collection glass vessels operating with steam, hot water and vacuum, application dependent.

**This instrument is not functional and requires maintenance.**



## KARR COLUMNS

**DESCRIPTION:** 30L Karr columns with internal volumes, glass fabricated with heating tape operation.

**This instrument is not functional and requires maintenance.**



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### VIPEX COLUMN 1''

**DESCRIPTION:** Glass columns with heating tape provided, application dependent.

**This instrument is not functional and requires maintenance.**



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### BENCHSCALE SHORT PATH

**DESCRIPTION:** Short path Distillation benchscale unit.

**This equipment is not functional and requires maintenance.**



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### DISTILLATION UNIT

**DESCRIPTION:** Fractional distillation benchscale unit.

**This equipment is not functional and requires maintenance.**



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### KARR COLUMNS | KARR COLUMNS BENCHSCALE UNITS

**DESCRIPTION:** Fabricated glass columns. This instrument is not functional and requires maintenance.

**This equipment is not functional and requires maintenance.**



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### MIXER\_SETTLER

**DESCRIPTION:** Mixer\_Settler with stand.

**This equipment is not functional and requires maintenance.**

**FOR MORE INFORMATION, CONTACT:**

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