

CM5390 – Automated Boat Inlet



CM5390

The Automated Boat Inlet has a large, easy to access sample entry box, user selectable sample entry speeds, variable purge time setting and an integrated flowmeter. The CM5390 replaces the traditional “dog houses” and breech block assemblies found on UIC’s standard analytical systems. The CM5390 eliminates the need to remove and replace breech block caps to insert and retrieve sample ladles. This also eliminates the chance of breaking any sample ladles. Sample is weighed, placed into the sample entry box, lid is closed & latched, and the analysis is then started. The system is automatically purged of atmospheric CO₂. The sample is then automatically introduced, analyzed and retracted with no user input.

The CM5390 Automated Boat Inlet is designed to provide enhanced ease-of-use and analytical reproducibility. It is used in conjunction with the CM5300 high-temperature furnace and either the CM5017 or CM5016 coulometer to provide an improved method of sample introduction.

CM5390 Automated Boat Inlet features:

- Improved Sample Introduction
- Solid or Liquid Samples
- Eliminates Ladle Breakage
- Controlled Sample Handling

CM5390-01-Includes:

- CM5390 base unit
- CM211-019 combustion tube
- CM201-040 ladle entry tube
- CM201-042 hook ladle
- 3 x CM251-005 large porcelain boats
- Accessories
- Power cord for 115V operation and operation manual.

CM5390S-01-Includes:

Same as CM5390-01, except equipment for use with total sulfur systems.

Part Number:

CM5390-01 for 115V / 50/60Hz
 CM5390-02 for 230V / 50/60Hz
 CM5390S-01 for 115V / 50/60Hz
 CM5390S-02 for 230V / 50/60Hz



CM5390S