

Refrigeration Technologies



Contamination Detector Kit

MANUAL

Part One: OIL PHASE TESTING

- 1.1 Determining Contaminants in Oil
- 1.2 The Oil Detector Tube
- 1.3 Milking the System for Oil
- 1.4 Testing Oil "Outside" a System
- 1.5 Interpreting the Results

Part Two: REFRIGERANT PHASE TESTING

- 2.1 Quick - Accurate Test Results
- 2.2 Checkmate Assembly for Gas Testing
- 2.3 Taking the Test
- 2.4 Interpreting the Results

Part Three: THE CHECKMATE METHOD

- 3.1 Detector Tubes
- 3.2 Metering Device/Checkmate Body
- 3.3 Cleaning the Test Device
- 3.4 Parts Diagram
- 3.5 Troubleshooting



©2008

U.S. Patent #5,415,177 and #5,831,144

Printed in U.S.A.

CHECKMATE

PREDICTING COMPRESSOR FAILURE

The Checkmate method is the industry's only valid field test for measuring Acid and Moisture levels in the oil of any refrigerant gas. Since its

introduction in 1995, Checkmate is now used by refrigerant packagers, reclaiming companies and thousands of service contractors all over the world. The detector tubes have been tested for accuracy by ETL, Intertek Testing Services, an ARI approved laboratory.

CHECKMATE

P/N: **RT700K**

BRASS BODY WITH EXTENSION HOSE AND UNION

3-PACK (3EA) OIL DETECTOR TUBES