

Technical Data Sheet

Checkmate Refrigerant Test Kit

Checkmate Detector Tubes

Part # RT700K

Acid Detector Tubes

Part# RT750A

Moisture Detector Tubes

Part# RT751M

Oil Detector Tubes

Part# RT752C

Overview: The Checkmate method is the industry's only valid field test for measuring the Acid and Moisture levels (purity) of Refrigerant Gas. Predict and prevent the likelihood of compressor failure by checking the contaminant levels in the Compressor Oil of an operating system.

Application: Simply insert a detector tube into the Checkmate body and connect the device up to a cylinder of refrigerant gas or on the low side of a system (Refer to instructions). Use the acid and moisture tubes to determine the contaminant levels in refrigerant gas that has been recovered or reclaimed. Use the Oil detector tubes to determine the contaminants in the oil phase of a working system. Detector tube results take less than a minute. Please view the video on our home page or read the Checkmate manual for detailed instructions.

Construction: The Checkmate body is a brass tube holder containing stainless steel needles. Detector Tubes are made of heavy walled Pyrex glass tubing. The detector tube indicator material are packed under dry nitrogen.

Validation: The Checkmate method has been tested for accuracy by leading ARI approved laboratories. Checkmate is used by OEM's, refrigerant manufacturers, refrigerant reclaimers and service technicians worldwide.

Warranty: The Checkmate device is guaranteed to be free of manufacturing defects for a period of one (1) year from date of purchase. Full replacement is subject to inspection. The Detector Tubes have a shelf life of one (1) year from date of manufacture. Moisture Detector Tubes must be stored under refrigeration within 45 days of manufacture date. Detector Tubes must be stored away from heat to prevent premature expiration.