

# APPLICATION NOTE



June 24, 2010

Issue 10-06.3

## Pur•Chek™ Pro Application Note

### Reclamation

Refrigerant reclaimers have unique requirements and the Pur•Chek Pro has been engineered with these needs in mind. The reclamation process is integrally dependent upon the initial purity of the refrigerant components within the cylinders. Contaminants such as oil, moisture acid and particulate can be easily removed however it is far more difficult and costly to separate refrigerants. Because of this, the returned cylinders must be tested for refrigerant content and purity before they are processed and performing a gas chromatograph test on every cylinder is far too time consuming and costly. The Pur•Chek Pro provides a cost effective alternative allowing the reclaimer to quickly and easily check the type and quality of the refrigerant in the cylinder.



### Consolidation

Many Wholesalers/ Distributors have instituted programs to take back recovered refrigerant from their customers. The origins of this refrigerant are often unknown to the Wholesalers/ Distributors and the cost to dispose of a 50 lb. tank of mixed refrigerant could exceed \$300.00. In the past, many Wholesalers/ Distributors would send the

refrigerant to the reclaimer to have it analyzed and then be forced to back charge the contractor who brought them the refrigerant if it was mixed. Clearly this was not an easy task leading to mistrust and poor customer relations. The Pur•Chek Pro allows the Wholesaler/ Distributor to test the refrigerant on the spot before the contractor leaves the facility and inform them if an additional charge or credit is anticipated.

### Large Contractors

Contractors working on a variety of HVAC, refrigeration, chiller and industrial applications will have to deal with many refrigerants. Knowing the type and purity of the refrigerant in a system is critical to both diagnosing system problems and preventing mixing of large quantities of refrigerant resulting in high disposal costs.

The Pur•Chek Pro is an advanced refrigerant analyzer for use in refrigerant reclamation, consolidation and HVAC/R service. Features of the Pur•Chek Pro instrument include:

- Widest range of refrigerants
- Installed printer for record-keeping
- Internal battery option
- Remote software updates





205 Westwood Ave  
Long Branch, NJ 07740  
1-877-742-TEST (8378)  
Fax: (732) 222-7088  
salesteam@Tequipment.NET