



A/C, Refrigeration & Maintenance

# Diagnostic Refrigerant Analyzer Pur•Chek™ Pro



Bacharach's all new Pur•Chek™ Pro is the ultimate HVAC/R refrigerant analyzer that enables fast and accurate testing of the widest range of refrigerant analysis ever offered in a portable instrument. Pur•Chek™ Pro identifies more than a dozen HVAC/R refrigerants and provides a complete component breakdown of refrigerant blend ratios that can be printed out with the built-in printer.

## Designed for Consolidators and Reclaimers

With the global mandate to significantly reduce the supply of R22 availability by replacing it with many new refrigerants, understanding which refrigerant you are working with becomes critical business information. Non-dispersive infrared (NDIR) technology determines the weight concentrations of refrigerants and provides a component breakdown of the blend ratios and air. 'Blend-Chek Pro' analytical software quickly and accurately identifies and analyzes common 400 Series refrigerants including R404A, R407C and R410A. Pur•Chek™ Pro automatically determines the purity of refrigerants reducing the potential for human error.

With this diagnostic analyzer, contractors can be sure of the type of refrigerant they are recovering. Refrigerant reclaimers use Pur•Chek™ Pro to check returned refrigerant before it can contaminate their bulk reclaim supply. Pur•Chek™ Pro provides the reclaimer with a quick means of screening a wide variety of refrigerants by both type and quality. It dramatically reduces the need for costly gas chromatograph (GC) testing of small tanks, saving time and money while providing critical analysis of HVAC refrigerants.



## Pur•Chek™ Pro Features & Benefits:

- Oil contamination resistant
- Refrigerant composition breakdown of more than a dozen refrigerants
- Internal thermal printer provides documentation on the spot
- Remote software updates for new refrigerants

## Pur•Chek™ Pro Specifications

<b>Detection Principle:</b>	Non-Dispersive Infrared (NDIR); Single Detector w/ 13 Unique Filters
<b>Refrigerant:</b>	R22, R134A, R404A, R407C, R410A, Hydrocarbons, and More
<b>Accuracy:</b>	+/- 1-2% for Measured Refrigerants
<b>Dimensions:</b>	8 ¼" x 15 ½" x 3 ½"
<b>Weight:</b>	<10lbs
<b>Body Materials:</b>	Durable ABS Housing/Rugged Rubberized Hand Grips
<b>Sample Hose:</b>	R12 (1/4" Flare)
<b>User Interface:</b>	Graphic Display, Soft Keys, Built in Printer
<b>Operating Temperature Range:</b>	50° to 113° F (10° to 45° C)
<b>Operating Humidity Range:</b>	0-95% RH Non-condensing
<b>Sample Gas Extraction:</b>	Pressure from Cylinder or System
<b>Response Time:</b>	< 3 Minutes
<b>Test Sample Size:</b>	5g Per Test
<b>Test Pressure:</b>	50 psi – 500 psi
<b>Power:</b>	110/220 VAC Power Adapter 12 – 15V DC Optional Battery Pack (Internal)
<b>Approvals:</b>	UL, cUL, CE

## Pur•Chek™ Pro Ordering Information

<b>2100-8003</b>	Pur•Chek™ Pro
<b>2100-0007</b>	Pur•Chek™ Pro Optional Rechargeable Battery Kit
<b>2100-0012</b>	Pur•Chek™ Pro Spare Rechargeable Battery
<b>2100-0008</b>	Pur•Chek™ Pro Low Pressure Vapor Sample Hose
<b>2100-0010</b>	Pur•Chek™ Pro Spare Low Pressure Sample Hose Filter
<b>2100-0009</b>	Pur•Chek™ Pro High Pressure Liquid Sample Hose Assembly
<b>2100-0006</b>	Pur•Chek™ Pro Replacement Sample Filter
<b>2100-0003</b>	Pur•Chek™ Pro Printer Paper (1 roll)

### Distributed By:

