

## Tracker Training Course Outline

Session	Module 1	Module 2	Lunch	Module 3
Time	8:00 – 8:30 am	8:30 – 11:30 am	11:30 - 12:30 pm	12:30 - 1:30 pm
Day 1	<p><b>Course Basics</b>  Welcome  Introductions  Get Acquainted  Course Objectives  Detailed Course Outline  Analyzer Lab Safety Video</p>	<p><b>Product Information</b>  Tracker's Application  Industry Uses  Models:  Tracker XP, RX, RXM  Theory of Operation:  How It Works  Component Overview  Safety Ratings  Weight &amp; Dimensions  Operational Temperature  Sample Requirements  Utility Requirements  Safety Features  System Options  Test Your Knowledge Exercise  Facility Tour</p>	<p>Approximate Time</p>	<p><b>Hardware/Electronics</b>  System Hardware:  Components--  Location/Identification  Boards:  Mother Board  Daughter Board  QED Board:  Switch Settings/Adjustments  Contrast Adjustment  Digital Input/Output Board  Photometric Control PCB:  Control Adjustment  ISO Current Amplifier  5 VDC Power Supply:  Voltage Adjustment  24 VDC Power Supply  Solenoid Relay Board</p>

Session	Module 4 & 5	Module 5	Module 7	Module 8
Time	1:30 - 3:30 pm	3:30 – 4:00 pm	4:00-4:45 pm	4:45 - 5:00 pm
Day 1	<p><b>Hardware Installation</b></p> <p>System Mounting Electrical Installation Gas &amp; Air Supply Installation Proper Start Up Procedures Proper Shut Down Procedures Diagram Review</p> <p><b>Software</b></p> <p>Interfacing with the Tracker: Using the Magnetic Keypad Menu Flow Chart Setup Screens Alarm Setup Calibration Setup Analyzer Setup Parameters Tape Setup Stream Setup Calendar/Option Setup</p>	<p><b>Maintenance</b></p> <p>Maintenance Schedule: Daily Maintenance Check Monthly Maintenance Check Six Month Maintenance Check Yearly Maintenance Check</p> <p>Maintenance Procedures: Bubbler Service: Fill Bubbler Solution Replace Bubbler Solution Sample Chamber Installation Tape Cartridge: Changing the Tape Cartridge Tape Transport Latch Spring Tension Adjustment Resetting Tape Counter: Using MagnaTouch Tape Drive Motor Removal/Installation</p> <p>Flow System: Pressure Adjustments Flow Adjustments Manual Calibration Span and Zero Recalibration Validate Adjust Calibration History Hands-On Calibration Exercise</p>	<p><b>Troubleshooting</b></p> <p>Solution in Bubbler Reservoir No Sample Flow Erratic Readings No Light Beam on Tape No Tape Movement Tape Breaks Short Tape Life Tape Spots Overlap Alarm on LCD No Alarms Display not Changing Display not Visible No Response on MagnaTouch</p>	<p><b>Literature</b></p> <p>Check Out Procedure Calibration Sheet/Specifications Course Evaluation</p>