

Under Pressure to Save Money?



ultra.air®
GROUP
ultraair ultrafilter®

Before you can manage...

Plant equipment rarely fails without giving some form of signal well in advance and so predictive maintenance is essential. Condition monitoring is at the core of any predictive maintenance programme.

Monitoring and the analysis of data is a proven highly effective way and key enabler to achieving best maintenance practices, thus extending equipment life, avoiding unexpected downtime and cost.

Ultra.air can offer the solution...

A comprehensive Condition Monitoring Service inclusive of:

- **Vibration Monitoring**
- **Breathing Air and Compressed Air Analysis**
- **Ultrasonic Leak Detection**
- **Data Logging**
- **Oil Analysis**
- **Full Comprehensive Report**

And you will benefit from...

- **Visibility of Plant and Equipment Condition and Status**
- **A Reduction in Downtime**
- **Energy Cost Savings**
- **A Reduction in Products Wastage**
- **Optimum Efficiency**
- **Improved Productivity**
- **A Reduction in Maintenance Costs**



Condition Monitoring Specialists

**7 DAYS
AUDIT**

We believe our comprehensive condition monitoring audit is probably one of the best service packages available today.

During the set up, our technicians will offer independent and impartial advice on the most effective key equipment to be monitored.

Ultra.air has a vast knowledge of production plant and it's processes and is able to diagnose many potential problems quickly and accurately. Following your audit, our Technical Department will download all data and deliver a detailed audit report outlining our findings.

**Call our team on 0870 242 00 64
to book your audit today.**



You have to measure.

Vibration Monitoring



- **Measurement to ISO 2372 / ISO 10816**
- **Shock Pulse Monitoring**
- **Speed and Temperature Measurement**
- **Vibration Measurement**

Breathing Air & Compressed Air Analysis



- **Measurement to ISO 8573**
- **Standard BS EN 12021**
- **Health & Safety Compliant**
- **Analysis of:**
 - Dew Point**
 - CO**
 - CO²**
 - Oil**
 - Oxygen Levels**

Ultrasonic Leak Detection



- **ATEX Approved, Intrinsically Safe**
- **Leak Testing on All Process Gases**
- **30 Metre Range During Production**
- **Complete Identification and Recording of Leaks**
- **Carbon Trust Suggest 30% Energy Savings can be Achieved**
- **No Disruption to Production**

Data Logging



- **7 Day Demand Profile**
- **Full Summary of:**
 - System Utilisation & Trends**
 - System Pressure**
 - System Efficiency**
 - Cost Efficiency**
 - Productive Input**
 - Waste Energy**

Oil Analysis



- **Oil Conditioning Monitoring**
- **Full Laboratory Test Facilities**
- **Report Inclusive of:**
 - Elements Content**
 - PPM**
 - Viscosities**

Full Comprehensive Report



- **KPI's**
- **Graph and Trend Analysis**
- **Energy Cost Savings**
- **Identification of Potential Equipment Failure**
- **Recommendations and Action Plan**

Ultra.air Group



The Condition Monitoring Specialists

ultra.air Group Ltd

Unit 1 • Llwyn y Graig • Garngoch Industrial Estate
Gorseinon • Swansea • U.K. • SA4 9WG

Tel. +44 (0) 870 242 00 64 • Fax. +44 (0) 870 242 00 65

Email. info@ultraair-group.com • www.ultraair-group.com

