

Comparison of Heat Release Measurement Methods

Thermopile (TP)

Familiar (historical database)
Simple
High (production) volume testing
Low Maintenance
Inexpensive to Maintain
Good Repeatability
Poor Reproducibility
Difficult to diagnose problems
Air flow can be specified
Relative Method
Qualitative results

Oxygen Depletion (OD)

Unfamiliar
Relatively complicated
Medium (research) volume testing
High maintenance
Expensive to Maintain (supplies)
Good Repeatability
Good (not excellent) Reproducibility
Difficult to diagnose problems
Air flow must be known
Absolute Method
Quantitative results