DMS METERING SOLUTIONS



CASE STUDY: Heat Metering for a Golf Course in County Durham

Sector: Sport & Leisure
Location: County Durham UK
Solution Provided: Sontex Supercal 5 Thermal Energy Meter

Overview

A golf course in County Durham required an accurate and reliable solution for monitoring the thermal energy used within its clubhouse and associated facilities.

Golf clubhouses can have varied heating demands, with energy required across changing rooms, hospitality areas, function rooms, kitchens and other communal spaces. With usage fluctuating throughout the year depending on weather, events and visitor numbers, having accurate information on heating consumption can provide valuable insight into how efficiently the building is operating.

DMS supplied a **Sontex Supercal heat meter** to provide accurate measurement of the thermal energy being delivered through the clubhouse heating system..

Project Requirements

- Accurate monitoring of thermal energy consumption
- Reliable measurement across a commercial heating system
- Suitable for fluctuating heating demand throughout the year
- Improved visibility of energy use within the clubhouse
- Data to support facilities management and energy-efficiency initiatives
- A dependable, long-term metering solution

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DMS Solution

Heat Metering – Sontex Supercal 5



DMS supplied a **Sontex Supercal Thermal Energy Meter** for installation on the heating circuit serving the golf course clubhouse.

The meter measures the flow of heating water together with the temperature difference between the flow and return pipes, allowing the total thermal energy consumed by the building to be accurately calculated.

For a golf course environment, where building occupancy and heating demand can vary considerably between busy competition days, functions, quieter periods and seasonal changes, accurate heat-metering data can help facilities teams gain a much clearer understanding of actual energy use.

The Sontex Supercal range is designed for accurate thermal-energy measurement across commercial heating applications and can support communication with wider building and energy-management systems where required.

Results

The installation provided the church with:

- Accurate measurement of thermal energy consumption
- Greater visibility of heating-system performance
- Improved understanding of changing heating demand
- Data to support future energy-efficiency decisions
- The ability to monitor long-term consumption trends
- A reliable metering solution suited to a community building environment

By monitoring the heating system independently, the golf course can build a clearer picture of how its facilities consume energy throughout the year and use that information to support future efficiency improvements.

Why DMS?

With over 25 years of experience in heat and energy metering, DMS supports commercial buildings, leisure facilities and estates with metering solutions selected around the individual requirements of each application.

As the **exclusive UK partner for Sontex**, DMS provides access to the complete Sontex heat-metering range alongside expert technical support, product selection and specification assistance.

From golf clubs and leisure facilities to offices, residential developments and district-heating networks, DMS can provide accurate thermal-energy metering solutions for projects of all sizes.

Discover our Sontex Heat Meters and complete range of Thermal Energy Metering solutions at dmsltd.com. or scan the QR code.

25 YEARS DMS METERING SOLUTIONS

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