🔍 What’s new for this week’s #AcousticImagerApplication?

In our previous post, we delved into the fascinating applications of acoustic imagers in the manufacturing industry. This week, let's explore its crucial role in the coal chemical industry.

🏭 Application Scene No.4: Coal Chemical Industry

🔥 Gasification process
During the coal gasification process, the pressure and temperature of coal gas can reach extreme levels, increasing the risk of leakage at vulnerable points in equipment seals. The acoustic imager can quickly detect such kind of leaks.

🚧 Purification process
In the purification process, the gas pressure is approximately 200kPa, and the gas often contains dust and other impurities. When a leak occurs, the dust particles continuously impact the affected areas, leading to the expansion of gaps and further exacerbating the situation. The acoustic imager can position leakages quickly.

❄️ Air cooling island
For effective negative pressure leakage detection in the air-cooling island, the utilization of acoustic imagers enables inspectors to pinpoint the precise location of the leak without the need for climbing up to the facilities, ensuring efficient and accurate maintenance practices.

💨 Pressure holding test
During the pressure holding test, the acoustic imager plays a vital role in quickly identifying gas leaks across large areas, minimizing the need for scaffolding and saving valuable time. This not only improves efficiency but also contributes to reducing economic losses and promoting energy-saving initiatives.

Join the conversation and stay updated with the latest advancements in #CRYSOUND's #AcousticImagerApplication, helping industries enhance safety measures, reduce economic losses, and prevent accidents. #GasLeakDetection #ManufacturingIndustry #ReduceEconomicLoss #EnergySaving #AvoidAccidents #SafetyFirst