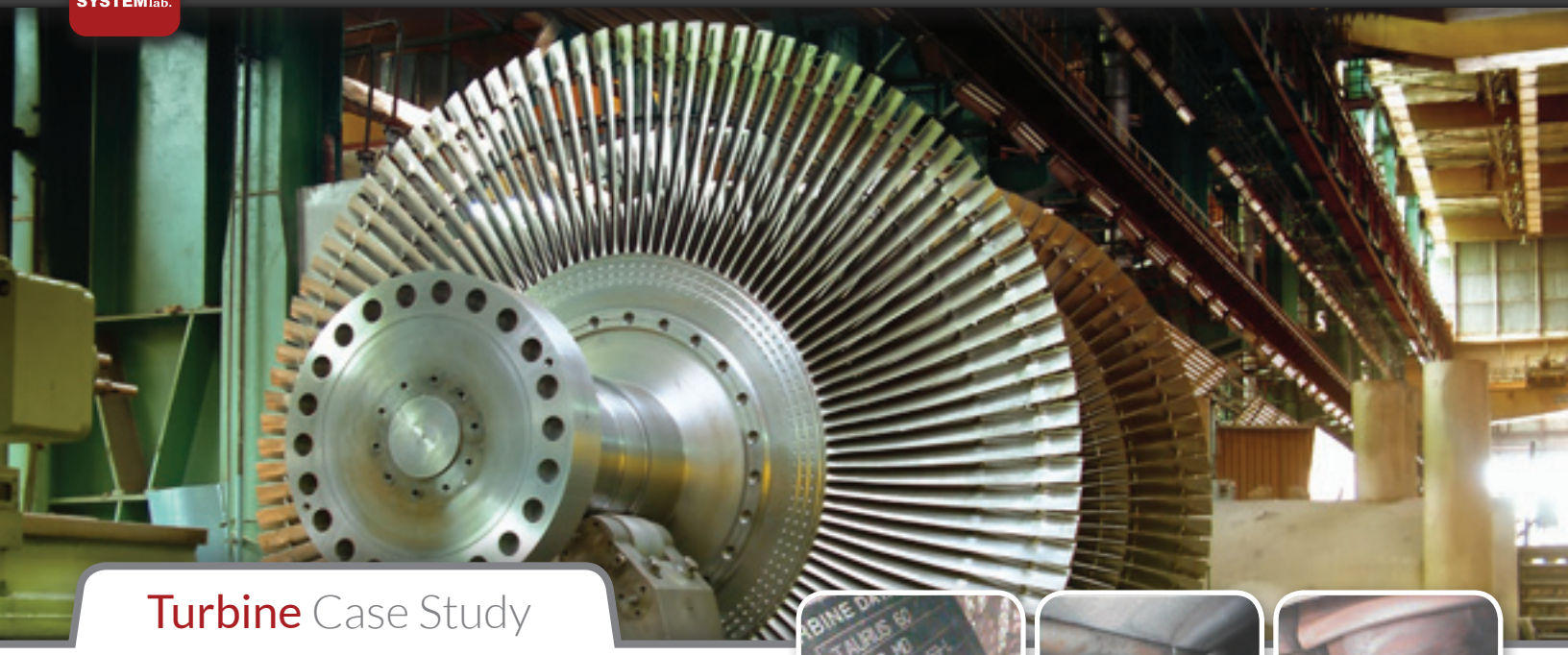
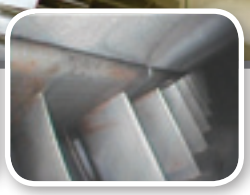


Turbine Case Study



TURBINE INSPECTION – SOLAR TURBINE TAURUS 60

Recent advances in natural gas exploration and extraction technology have led to skyrocketing projections of the amount of recoverable natural gas within US borders. This energy boom will result in the expanded use of gas-fired power plants to provide electricity to US homes and businesses over the coming decades. Not only does this mean cleaner and more abundant energy for the US environment and economy, it also points toward an increase in business opportunities for those involved in the construction, maintenance and repair of the turbine generators that serve as the heart of gas-fired power plants.

RF SYSTEM LAB'S VJ-ADVANCE SAVES TIME AND MONEY ON RVI

Because of the extremely high cost of downtime and the complexity of the parts that make up a modern turbine, borescopes are used during the turbine inspection and maintenance process in order to speed the process and improve the accuracy of the condition assessment. Video-based borescopes also have the capability of easily recording images and video during the inspection to provide further documentation for the maintenance records pertaining to that turbine.

The VJ-Advance video borescope is an ideal choice for technicians who service turbines of any size, for any application. The Solar Turbine Taurus series is one of the most popular turbines ever produced. In this case study, you can see for yourself how the VJ-Advance borescope delivers outstanding image quality during a routine inspection of a Taurus 60, quickly and easily providing critical information about the condition of this workhorse turbine.

Precise thumb control allows for full movement in all directions

Four Way - 360° Articulation

Three insertion tube dimensions available