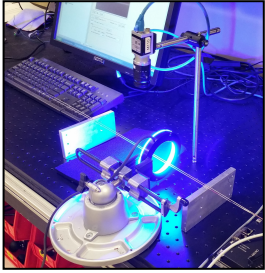


## APPLICATION BREAKDOWN:

### Medical Tube Sheath Inspection

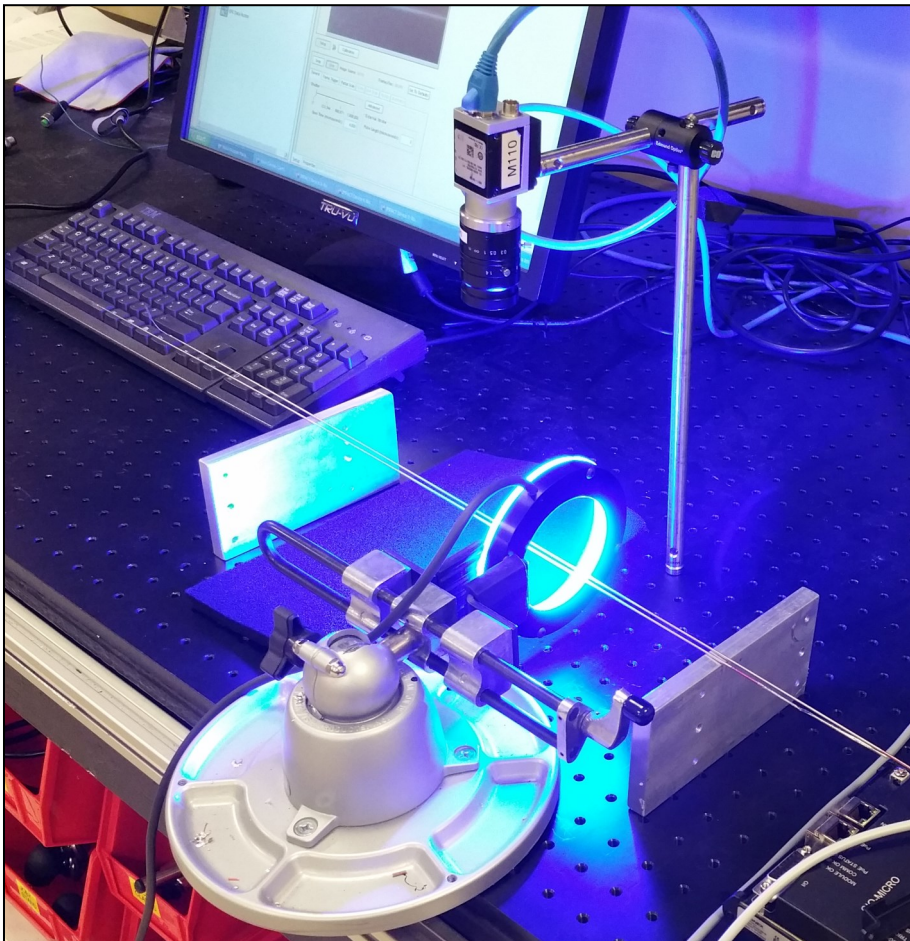
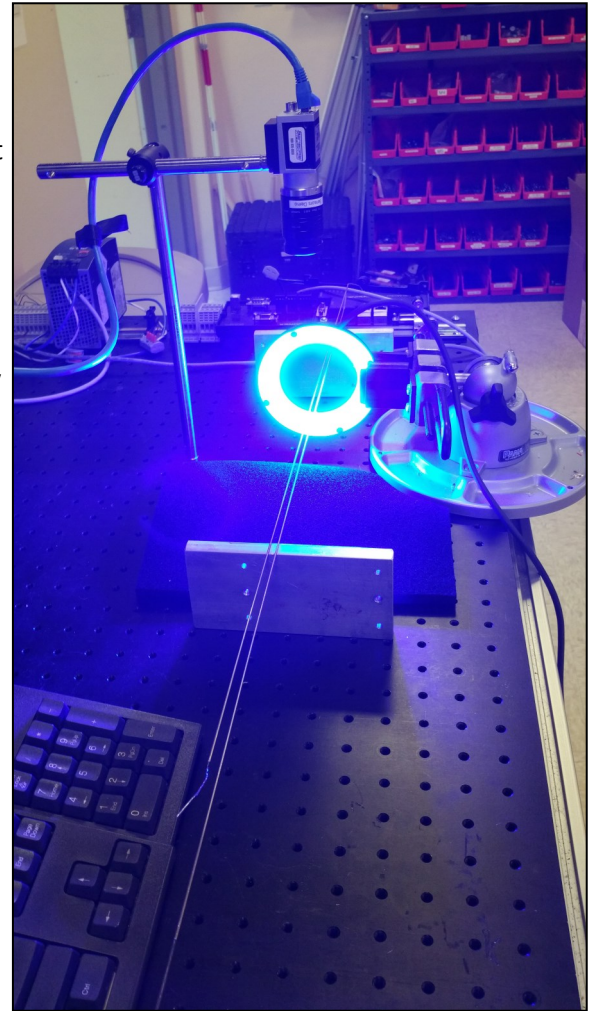
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A local medical technology company found a re-occurring issue with their production process. As they manufactured their tube devices, they would experience stresses in the sheathing, which could later result in tears and breakages. To solve their production problem, they turned to the experts at Sensors Incorporated.

The company's immediate need was a way to enable their operators to better inspect the product for the stresses, because too many were currently going unseen. The long-term goal of the project was to implement an automated inspection system.

Relying on years of experience in industrial automation and machine vision, Sensors Incorporated's Sales and Engineering staff were able to identify a specific wavelength of light (blue) that highlighted these stresses. Sensors Incorporated then used their fully-equipped, onsite vision lab to setup the product and test it using the products they distribute. Choosing to use a Advanced Illumination diffuse ring light and a Basler Ace USB 3.0 camera, Sensors Incorporated was able to produce a reliable solution for their customer.



If you have a complex application that might require extreme application experience, or extensive vision knowledge, do not hesitate to call the experts at Sensors Incorporated.

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