

Quality Inspection- 3D Microscope & Inspection Microscope



The Anser by Littlite is our newest product, and with the light coming out the end of the hood you can point the light anywhere you need it and it is the perfect light for visual inspection.

Protomatic, a local machining company that provides parts to the medical, automotive and aerospace industries uses the Anser for both visual inspection, and with a 3D scanner to capture the profile of a part. The Anser is a high quality stable LED light source, compared to the fiber optic light that comes with the microscope. The incandescent light source heats up and it makes the color temperature vary, which makes inspection more inconsistent.

They also like the Anser because of the gooseneck and light out of the end of the hood. The light can be positioned exactly where they need it, so it can be directed into a machined tube for inspection, or it can be flexed sideways to reduce shadows and glare for the 3D scanner.



Looking inside medical and industrial tube products for quality of machined surfaces

Flexible side lighting for 3D microscope to prevent unwanted shadows



Microscope
Inspection
Supplemental
Lighting

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This helps the 3D scanner detect the surface more accurately, which allows them to produce a more precise CAD file of the part.

Because the Anser has high performance clean light, their quality of product going out the door increases since they can catch defects in the machining easier. For the 3D microscope application they can get a more accurate surface profile to create a more realistic drawing which saves them time and money.

The Anser has a color temperature of 3100K and a CRI of 95 Ra. Its available in our standard version or our SPOT version which focuses the light into a mini-spot light. With a life expectancy of 60,000 hours you won't need to replace bulbs any time soon.

To learn more about Littlite and the Anser go to www.littlite.com.

To learn more about Protomatic go to www.protomatic.com.



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