

# Speckle Reducer

Reduced speckle for improved machine vision performance.



Local interferences can cause unwanted speckle noise within your laser system and degrade your important images. The IQ7 Laser Speckle Reducer allows you to significantly reduce speckle noise and improve image quality.

The IQ7 dynamically diffuses the laser's coherent beam to ensure speckle reduction efficiency. Diffusing angles of 1°, 10° and 20° provide maximum versatility for a range of uses. This device can be used in beam homogenization, 3-D scanning, metrology, microscopy and interferometry applications to remove local interferences. The IQ7 Laser Speckle Reducer for machine vision is available in wavelengths from 405 to 808nm with three different circular diffusing angle options.

