

Alignment Light Characterization

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1 Personnel Requirements

Required Persons	Preliminary Reqs	Procedure	Finalization
1	Not Applicable	5 minutes	Not Applicable

2 Overview

The "Characterize Alignment Lights" function is part of the Mechanical Characterization tool available under the Calibration tab on the Common Service Desktop. This tool is used to characterize the distance from the gantry external laser lights to the internal laser lights which is typically 240 mm. For some systems, the customer will supply a set of wall mount laser alignment lights that can provide an external alignment location up to 650 mm from the gantry internal laser alignment lights. In this instance the gantry external laser lights are physically disconnected and not used and the characterization is performed from the customer supplied alignment lights to the gantry internal lasers.

3 Preliminary Requirements

3.1 Safety



WARNING

POSSIBLE EYE INJURY.

LASER BEAMS CAN CAUSE PERMANENT EYE DAMAGE.

WHEN OPERATING THE ALIGNMENT LIGHTS, DO NOT STARE AT THE LASER BEAMS.

4 Procedure

1. Start the Mechanical Characterization tool from the Calibration tab on the Common Service Desktop.
2. Select the "Characterize Alignment Lights" button from the interface.
3. Follow the on screen instructions.

Pay attention to the table height instructions that depend on what system configuration you are characterizing. Table height for Gantry lasers characterization is different from the table height needed to characterize a customer supplied laser alignment system. This is due to the table travel distance needed to position the black alignment dot on the cradle at the customer alignment light and still drive into the bore without hitting the gantry.

Not all system types can position the table at the height needed to characterize a laser alignment light out to 650 mm.

5 Finalization

No finalization steps.

Alignment To Light

M Walker



Alignment To Light:

Unveiling the Magic of Words: A Overview of "**Alignment To Light**"

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 $2\text{Cl}^- \text{aq} + \text{Cu}^{2+} \text{aq} \rightarrow \text{CuCl}_2 \text{s}$ these spectator ions are not actively involved in the reaction the existence of
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