

LASER APPLICATION NOTE 2030

TELESIS

ProScript®

Application:

Marking of equipment tags



Mark depth:

0.001 to 0.008 inch (0.0254 to 0.203 millimeters)

Material:

Aluminum, Steel. Painted, Inked or Anodized

Mark Type:

Alphanumeric, Barcode, 2d code, Schematics or Logo

Cycle Time:

Varies for mark type. Typically less than 15 seconds

Laser Advantage:

Speed of mark, ease of integration into process, high mark quality and readability.

Recommended Laser:

ProScript Nd:YAG 70 Watt and higher
ProScript CO₂ 50 Watt and higher

Process Notes:

ProScript Nd: YAG gives darkest contrast and best cycle time. ProScript CO₂ will mark with less contrast works best on painted and anodized material. Test should be done if machine-readable codes are to be used. While the laser will mark the material some hand held reading devices may have problem with reflection from the metal surface.