Laser Beam Caustic Measurement with Focal Spot Analyser

In industrial applications of high power CO2-lasers the caustic characteristics of the laser beam have great effects on the performance of the lasers. A well-defined high intense focused spot is essential for reliable production results. This paper presents a focal spot analyser that is developed for measuring the beam profiles of focused high power CO2-lasers.

General information
Publication status: Published
Organisations: Department of Management Engineering
Contributors: Olsen, F. O., Gong, H., Bagger, C.
Number of pages: 1,125
Pages: 734-740
Publication date: 2005

Host publication information
Title of host publication: International Congress on Application of Lasers & Electro-Optics 2005 : ICALEO 2005
Volume: 98/Laser Materials Processing Conference
Place of publication: Orlando, USA
Publisher: Laser Institute of America
ISBN (Print): 0-912035-82-X
Source: orbit
Source ID: 194124
Research output: Chapter in Book/Report/Conference proceeding » Article in proceedings – Annual report year: 2005 » Research » peer-review