

Application

Thickness measurement of medicinal tablets.

Industry

Pharmaceutical Production Machinery

Packaging Machinery

Special Machinery

Application Overview

Tablets are presented before the sensor in order to be measured. Accurate measurement of thickness is important to ensure proper dosage.

Application Challenges

The tablets are quite small, and very precise measurement is necessary.

Tablets can vary in color, presenting problems for many photoelectric sensors.

Solution(s)

The best solution for this application is to mount a distance-measuring sensor above the belt, facing the target area. This sensor should incorporate a miniscule beam spot and very tight resolution. This technology will also ensure that the target will be detected regardless of height, shape, color, or reflectivity.

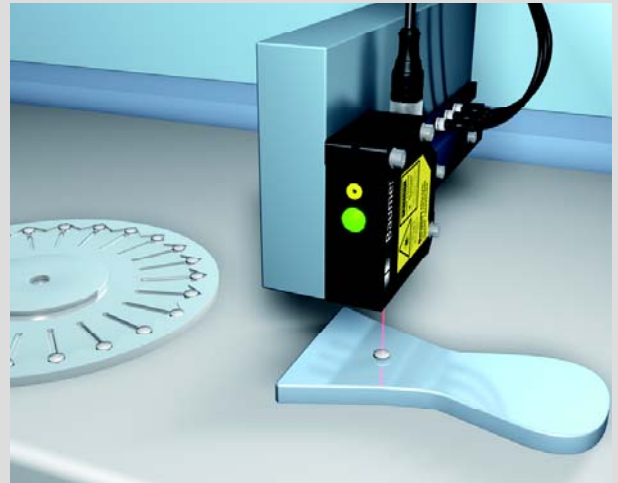
Examples include the following:

OADM 12I6430/S35A 16-26mm range, 2 μ m resolution

OADM 12I6460/S35A 16-120mm range, 2 μ m resolution

Supporting Documentation

- Baumer Sensor Solutions Catalog, Page 212
- Baumer Website, [OADM 12 Series](#)



OADM 12 Series laser is used to measure the thickness of tablets as they are produced or packaged.

For application information, contact:

Baumer Ltd.

122 Spring Street, Unit C-6

Southington, CT 06489

Phone: (860) 621-2121

Fax: (860) 628-6280

E-mail: sales.us@baumergroup.com

www.baumergroup.com

Customer Service/Technical Support: (800) 937-9336