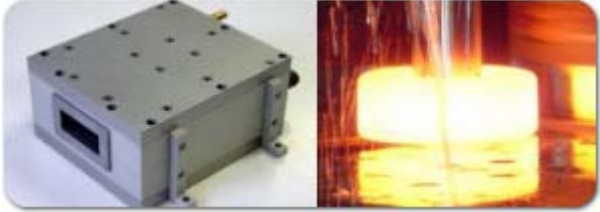




Laser Head LDS



Application Area

- Slitting lines
- Levelling lines
- Pickling lines
- Galvanizing lines
- Rewinding and finishing lines

Description

The laser heads LDS are used in heavy industrial environments where it is necessary to protect the measuring sensors and instruments against high temperature, dust, possible crashes, etc... typical of metal industry and of all production processes with heat sources.

The main function of LDS laser heads is to provide a solid thermal and mechanical protection to laser sensors in order to maintain their performances in presence of hostile environment.

The heads are equipped with air or water cooling system, optical windows air purging system, double wall construction and automatic temperature control system in the measuring room.

LDS: laser heads developed for specific production processes



Users have different requirements in function of their real application. According to this concept, the laser heads LDS are developed and manufactured with easy configuration of important parameters, such as:

- working principle (point or line triangulation, time-of-flight)
- working distance
- measuring range
- etc...

With one or more LDS heads it is possible to measure different types of dimensions, even in the most hostile environments. For example:

- distances
- diameters
- levels
- profiles
- etc...

