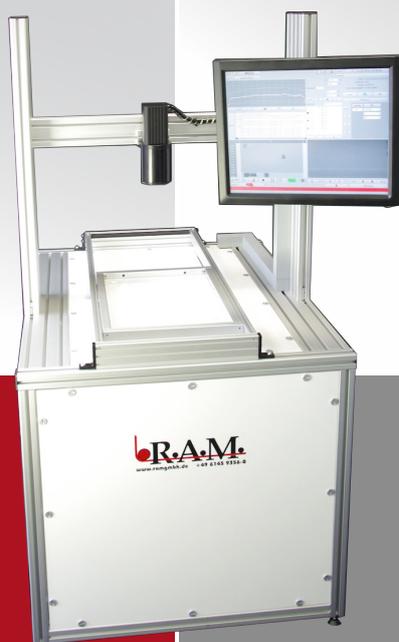




ITG 500

Bench

 english



**R.A.M.**

ITG 500 Bench

The ITG 500 Bench analyser detects, classifies, documents and records optical defects on or in film samples (DIN A4 / DIN A3) with reflected light (total reflection) for opaque film as well as for front and back side combination with a transmitted light for transparent films.

The defects are automatically fault classes such as gels, burning particles, fish eyes, dirt, creases, holes or fly-classified and the photos of these imperfections are available for further evaluation.

The system resolution is at least 50 µm at DIN A4 samples; up to 5 µm are optional possible. All examples are automatically moved through the system with an electronic motorized sledge

The operator can name defects and sort them by classes with special functions. The classifier will automatically set all necessary inspection parameters.

Defect photos, defect data, defect characteristics and a roll report are available afterwards for further investigation. On a defect wallpaper (MAP), the defects in the role are represented symbolically.

ITG 500 Bench System can be easily integrated in your IT network via Network interfaces. The Evaluation can be tracked from every single working place. Furthermore the data can also be downloaded via the local USB interface.

The ITG 500 Bench analyzer will be delivered in the base version with transmitted light. Reflected light can be additionally ordered as an option.

Also possible are several CMOS Cameras in a range of 4k, 8k and 16k.

Camera	4k (4.96 Pixel, 14.000 scans/s)
Sample Dimension	DIN A3 / DIN A4
Screen	19" Touchscreen
PC	CPU 3,10 GHz 16GByte Memory 1 TByte 8 GByte SSD 2x Ethernet
Lighting System	LED longfield Light LL 500 mm for light and dark field
Power Supply	230 VAC, 50-60 Hz, 500W
Dimension (L/W/H)	1.005 mm / 885 mm / 1590 mm

Frame

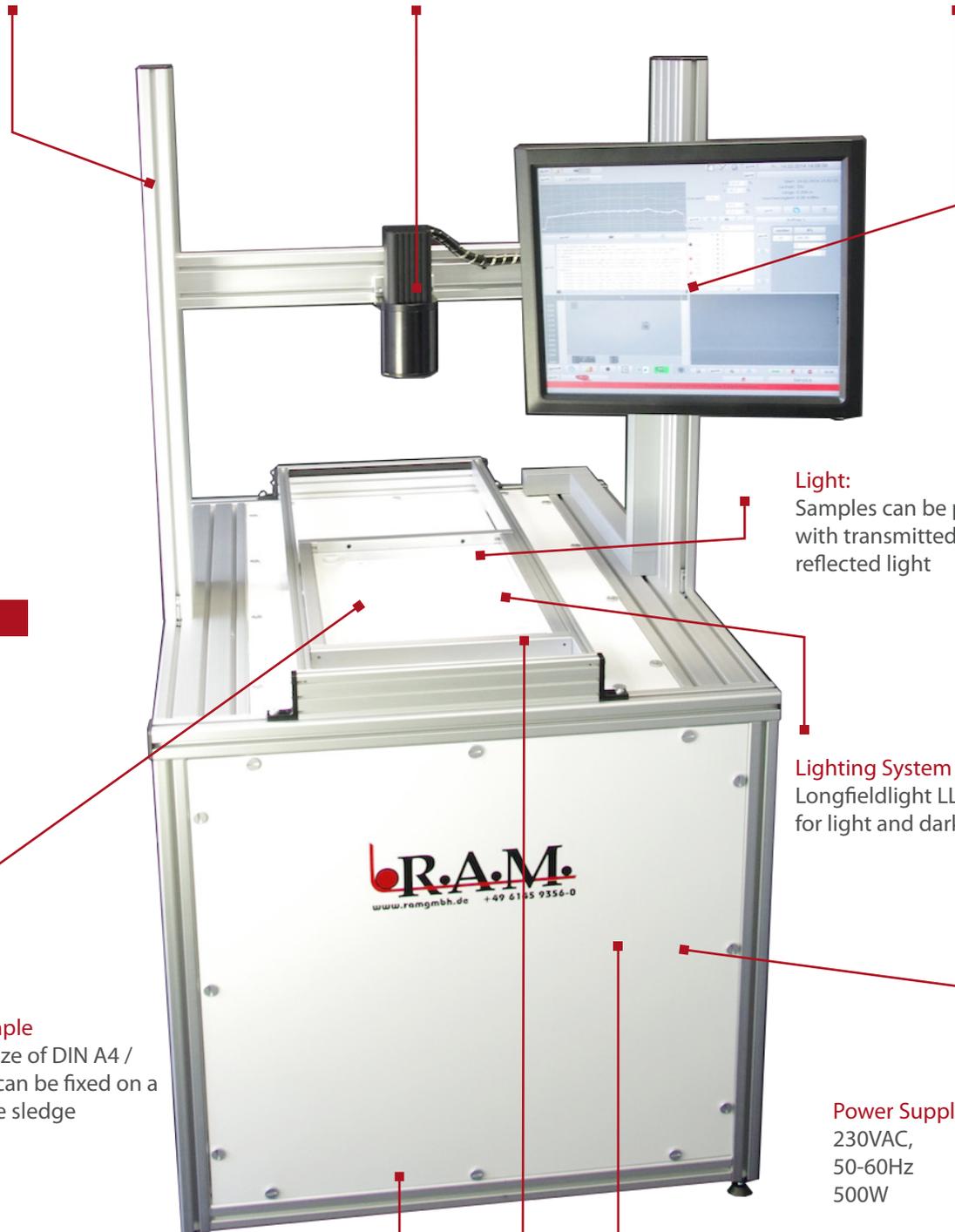
Robust frame and stepless adjustability of view and light angle

Kamera

CMOS Line Camera
4.096 Pixel
14.000 Scans per Second

Display

19" Touchdisplay with Analysis-
software CAMEN and PAT



Light:

Samples can be proofed with transmitted and reflected light

Lighting System

Longfieldlight LL 500mm for light and dark-field

Filmsample

with a size of DIN A4 / DIN A3 can be fixed on a movable sledge

Power Supply

230VAC,
50-60Hz
500W

Options

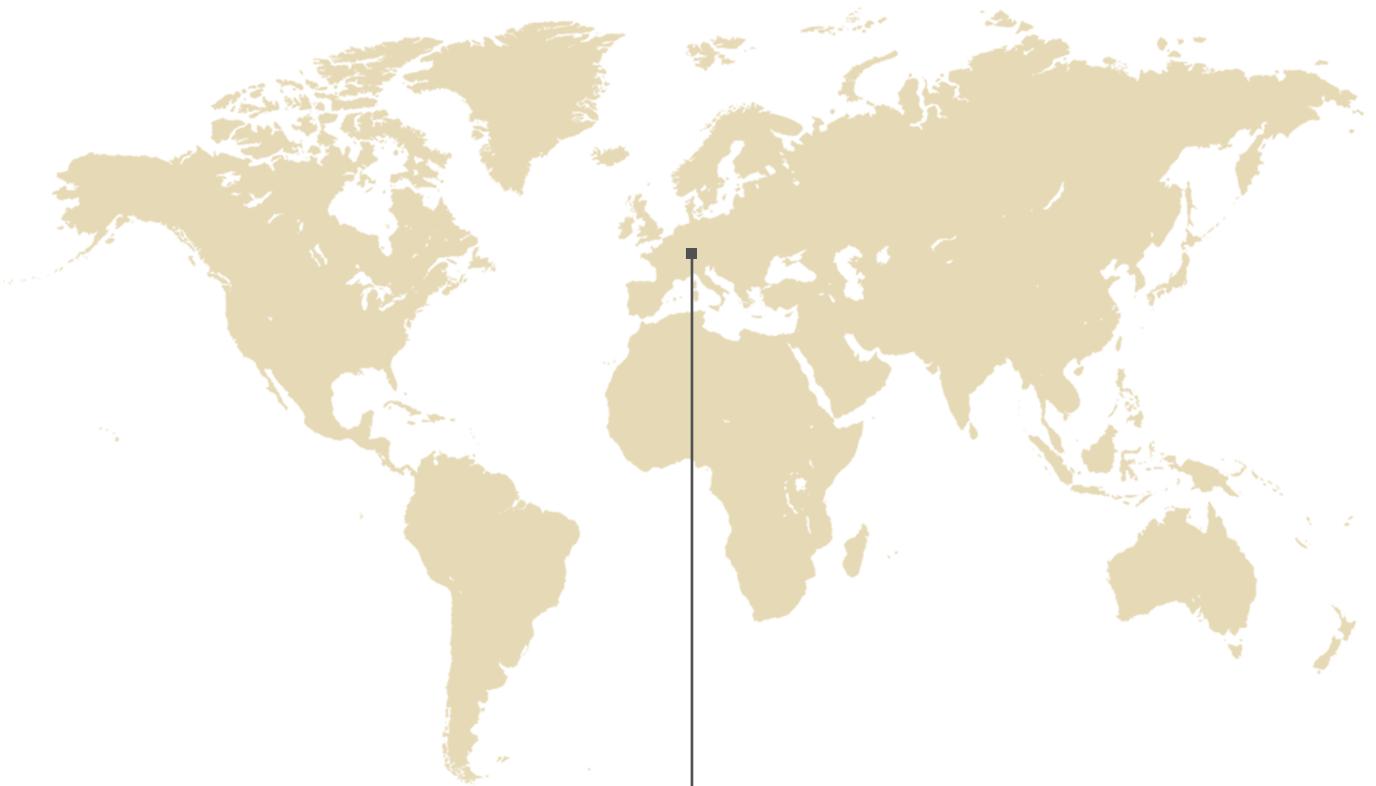
Longfieldlight LL 500 Reflected light
Opacity, Haze and Orange-peel Measurement
CMOS Line Cameras up to 16.384 Pixel

Gear

Geared Belt Drive with Enginge and Controls

PC

1xCPU 3,10 GHz
16 GByte Memory
1 TByte
8 GByte SSD
2x Ethernet



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