

The Only Certified Measuring Device – LPKF TMG 3

THE reference for transmission measurement

- Certified as official measurement device by independent Fraunhofer ISC
- Easy to use
- Reliable results within a few seconds
- Further plus: Calibration plates included



Stay Ahead of the State-of-the-Art

The optical transmission of the plastic is decisive for the quality of the joint during laser plastic welding. Checking the material properties before the joining process pays off as part of holistic quality assurance. For best joining results. For the best of your products.

A must for every quality engineer

- Quality assurance of the preceding compounding or injection moulding process
- Validation of weldability, process sampling
- 100 % material qualification before the welding process
- Inspection of incoming goods

The traceable, calibrated and certified device measures the transmission properties of plastics and detects material deviations caused by injection moulding. The results are available within a few seconds. Tested and verified on the market hundreds of times already.



Learn more:
www.lpkf.com/tmg-3

LPKF
Laser & Electronics



Latest Technology and Perfect Service Packages

Use the best device for your products: Qualify your plastics material by transmission measurement with the unique TMG 3 device and ensure your business is safe.

Fit for the line: In production lines with high throughput or/and high-quality requirements, such as in the automotive industry, the TMG 3 transmission measuring device is directly integrated and can thus prevent quality loss.

For all types of plastics: Materials of different colors have different transmittance values, which are tested.

For quality assurance: The certified TMG 3 measuring device exports the data – a plus for the underlying software.

All-round carefree package for smooth application

The calibration plates are included in the supply package of TMG 3. In addition, LPKF offers service packages for the TMG 3:



Calibration Package Classic

- Annual calibration
- Replacement unit during calibration if required



Full-Service Package Premium

- Semi-annual calibration
- Replacement unit during calibration
- Free repair on completion of Premium Package from date of purchase TMG 3

