

## Foot measuring device

### Summary

A mobile device has been developed, which can detect the human foot size through the use of mirrors and digital cameras. For that purpose, on one side of a box a flat-bed scanner with an inclined mirror in an angle with respect to the scan-layer has been placed, and on the opposite side a phosphor screen brighted surface. During the process, an image in dark conditions is made. Then, the illuminated feet are photographed. The difference between the two pictures is established. Through this process, any interference that could generate an unhomogeneous picture is eliminated. Subsequently, the foot can be automatically measured using the differential image.

### Development stage, time to market

State of development:  
Basic research and concept development are finished. The first prototyp is developed.  
Time to market: in the next 12 months

### Market potential

Wide chain store systems are in an expansion course and subdivide the shoe market. Approx. 50% of all chain store systems still need digital foot measuring devices, approx. 30% of the shoe retail trade need digital measuring devices. The growth of foot measuring device producers can be possible only through costs-leadership, quality, and innovation. According to researches, the german market is approx. 5.000 foot measuring devices per month.

### IP

Utility model application is achieved.  
There is freedom to act in the market.  
There are some disclosed patents related to this specific area.

### Partnering sought

We have some potential customers in Germany.

### Contact Details

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