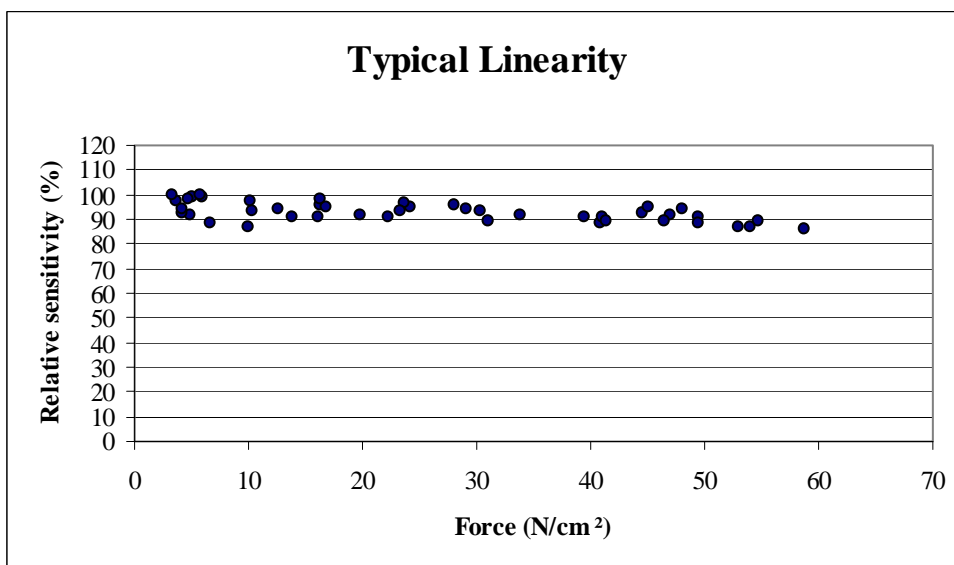


## BACKGROUND

We made a simple test system for measuring the sensitivity of Emfit sensors. The system has a calibrated force sensor installed into a metal bar and the idea is to press it against an Emfit sensor and measure signals from the force sensor and the Emfit sensor preamplifier so that the sensitivity can be calculated.

## CONCLUSION

From figure 1 we can say that Emfit sensors are linear at least between 5 and 60 N/cm (standard deviation was < 5 %). We were unable to test linearity with higher loads due to limitations of our test system. It should also be noted that linearity varies somewhat depending on the number of Emfit film layers and on the adhesives used for assembly of the sensors.



## ADDITIONAL INFORMATION

For additional information or assistance, please contact:

### Emfit Ltd

Sensor Products Division

Konttisentie 8

FI-40800 Vaajakoski, FINLAND

Tel: +358-14-332-9000

Fax: +358-14-332-9001

Email: [info@emfit.com](mailto:info@emfit.com)

Website: [www.emfit.com](http://www.emfit.com)