

Magic Silicone is one of our **5 US and 100+ internationally patented** technologies, which is a dark colored silicone in appearance. Any **force or pressure** stimuli on it causes a **color change** proportionally regarding the magnitude of the force applied. Thus, the **force map** on the silicone surface can be evaluated according to the **color intensity**. With a **camera**, (with or without) **fiberoptic cables** and a **computation unit** located at the opposing side, the **force map** can be converted into **digital data** by image processing.

As the **Magic Silicone** is like a **touchpad** itself, it also gives the touch data if you add a **flexible layer on top**. This layer can be **any flexible object** like **artificial leather, fabric** or even a **paper**. The remaining is up to your imagination. The regular looking **arm rest** of your coach can **control your TV** as a **remote control** or control your **computer** as a **mouse**. Wouldn't it be great if you could **open the windows** of your **car** or **control the multimedia system** just **touching or sliding your fingers** on the **leather** of your armrest? **Magic Silicone makes these happen!**



TECHNICAL SPECIFICATIONS

SPATIAL RESOLUTION:

1066/CM²

AREA: **37.5 CM²**

(50 MM * 75 MM)

FORCE MEASUREMENT

RESOLUTION: **<0.1 N**

IMMUNE TO FLUIDS: **YES**

FLEXIBLE: **HIGHLY FLEXIBLE**

You can convert any flexible object like artificial leather, fabric or even paper to a touchpad or control surface.

are you ready to feel Better?  **sensobright**



Sensobright Industries LLC. is a technology-oriented small business company which owns over 100 International patents about tactile sensor field with an innovative concept and aim to advance it, translate it into a next generation scientific product and a technology for commercialization.

Prof. Dr. Utku Buyuksahin has teamed up with Inventram and KOC HOLDING (A Global Fortune 500 Company) to ramp up commercialization and develop tactile sensor technologies. Sensobright Industries LLC's (A Delaware Company) Istanbul (Turkey) Branch and Portland (Oregon, USA) Headquarters are formed in 2018 and 2020 to develop tactile sensors and production technology of the system. The Sensobright team has three PhDs, one MBA and six BSs degrees with the total professional experience of over 170 years.

Sensobright Industries LLC has made over \$5M investment in 2020 – 2022 and is still continuing to invest in despite of the COVID-19 crisis.



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MAGIC SILICONE



INNOVATOR
of the MONTH
GAZETTO



The TEAM has
a TOTAL of 170+
a YEARS of EXPERIENCE

One of the TOP 25
SCIENTISTS
ACROSS GLOBE
FALLING WALLS FOUNDATION



One of the TOP 10
PROJECTS with the
HIGHEST INVESTMENT
POTENTIAL

METUTECH-BAN
TEKNOLOJİ YATIRIMCILARI A.Ş. T.C. Ministry of Science,
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