SENIS - Customer Reference:
GASBARRE – USA

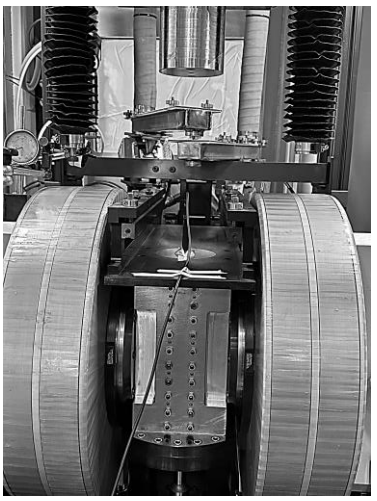
“We utilized the 3MTS Teslameter probes from SENIS AG to measure the DC magnetic field produced in the first magnet powder press to produce neodymium magnets in the United States. The 3MTS probes were employed to verify the DC magnetic field produced in the powder cavity region of the magnet press. The uniformity of the magnetic field in the powder cavity region was measured and compared with the values obtained during the magnetic design of the magnetic structure of the magnet press. The 3MTS Teslameter probes are excellent to perform magnetic field measurements in confined and reduced spaces.”

Salvador Magdaleno-Adame,
Magnetic and Electromagnetic Consultant
“Salvador Consultant”, https://www.salvadorconsultant.com/

GASBARRE, United States
https://www.gasbarre.com/

The 3MTS Teslameter probes were employed to measure the 3-D DC magnetic field produced in the first magnet press produced in the United States. The DC magnetic field was measured in the interior of the magnet powder cavity region where the magnetic field is uniform for the pressing process of neodymium powder. The DC magnetic field measurements permitted us to evaluate the final magnetic design of the magnetic structure of the magnet powder presses.

Finally, the 3MTS probe will be used to verify the magnetic field of the next magnet presses produced in the United States.



For more information about this project: **https://magneticsmag.com/gasbarre-products-builds-the-first-magnet-powder-presses-to-produce-neodymium-permanent-magnets-in-the-united-states/**

“Customers like our 3D high-precision teslameters because it allows to measure the magnetic field vector and its strength with unprecedented accuracy and repeatability very close to the magnet surface and in small gaps. All three components of the magnetic field are measured in one spot.”

- **SENIS AG**

ACCURATE

INVENTIVE

CUSTOMIZED

About SENIS AG

SENIS AG, Switzerland develops, manufactures, and supplies advanced sensors and instruments for magnetic field and electric current measurement as well as the corresponding development and engineering services. Our solutions and services help our clients in the automotive, consumer electronics, test and measurement industries, as well as research institutes to create powerful, robust and effective products.