
R: INAF-IAPS/D'Andrea/PI/Info about cryogenic positioners

1 messaggio

Piramide, Vincenzo <V.Piramide@pi.ws>
A: "matteo.dandrea@inaf.it" <matteo.dandrea@inaf.it>
Cc: "Piramide, Erika" <E.Piramide@pi.ws>

15 aprile 2024 alle ore 07:59

Buongiorno Andrea,

la ringrazio per averci contattato.

In riferimento alla sua richiesta, devo purtroppo comunicarle che non possiamo soddisfarla in quanto non abbiamo nel nostro portafoglio prodotti alcun sistema in grado di lavorare a temperature criogeniche.

Non esiti a contattarci per eventuali future richieste.

Cordiali saluti e buon lavoro,

Vincenzo

Vincenzo Piramide

Phone +39 02 66501101

Mail v.piramide@pi.ws



PI

Physik Instrumente (PI) S.r.l.

Via G. Marconi, 28 // 20091 Bresso (MI) // Italy

www.pionline.it www.piceramic.com



Thinking Beyond to Reach
the Next Level of Precision

GET INSPIRED

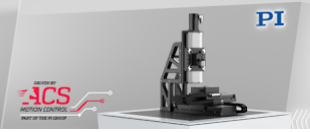


SPS Italia 2024 / Parma

Visit us:

MAY 28 TO 30

PAVILLION 3 / BOOTH A 063



Von: D'Andrea, Matteo <matteo.dandrea@inaf.it>

Gesendet: Freitag, 12. April 2024 15:20

An: Info@PI <info@pi.ws>

Betreff: [External] Info about cryogenic positioners

Dear Physik Instrumente,

I am a researcher at the Italian National Institute for Astrophysics in Rome (INAF/IAPS Roma). I work on the development of cryogenic TES detectors for X-ray spectroscopy, currently mainly in the context of the ESA space mission ATHENA.

I am interested in purchasing a 3D cryogenic positioning system to be integrated into our dilution refrigerator (at the 50 mK stage) and aimed at moving the radioactive sources we use to calibrate our detectors.

I am looking for a system with 3-axis (x-y-z) motion, at least 1 cm of travel range per direction, motion accuracy better than 100µm, capable of moving 50g-100g mass and with an operating temperature < 50 mK.

Do you have a product solution that meets our needs?

If so, could you send me the relevant datasheets and an "all-inclusive" quote (i.e. including positioners, sensors, control electronics, wiring, interfaces, ...).

Thanks and best regards,
Matteo D'Andrea

--

Matteo D'Andrea

INAF/IAPS Roma

[Via del Fosso del Cavaliere 100](#)

[00133 Roma, Italy](#)

E-mail: matteo.dandrea@inaf.it

Works: [Google Scholar](#) | [ORCID](#) | [arXiv](#)

Phone (off): (+39) 06 4993 4379

Phone (lab): (+39) 06 4993 4466

Room (off) : 2C25

Room (lab) : 1F17