

# PAGANI®

GEOTECHNICAL EQUIPMENT



Qc

Fs

U2



## PIEZOCONO MK





# EVEN MORE DETAILED STATIC TESTS

The Pagani piezocone for performing electronic static in-situ tests is now in its **FOURTH GENERATION**, and is available with maximum tip resistance ( $Q_c$ ) of 50 or 100 MPa.

This is the **result of innumerable tests** carried out **on a varying range of soils**, and has been **CAREFULLY MANUFACTURED to grant it a position at THE TOP END OF THE MARKET.**

This 10 cm<sup>2</sup> piezocone has a **SENSOR FOR SIDE FRICTION (FS)** in titanium that is extremely **SENSITIVE AND RELIABLE**, just like the **new central body** in a **special, stainless steel alloy** capable of guaranteeing **EXTREME INALTERABILITY**, thus allowing **FOR TESTS TO BE CARRIED OUT ON EVEN THE TOUGHEST SOIL.**

The u2 sensor, for measuring the interstitial pressure of the water in the soil, can be saturable with silicone oil (A) or grease (B).

The **CONSTRUCTION** and **CALIBRATION PROCESS** is **CONSTANTLY MONITORED** and **CARRIED OUT IN A CONTROLLED ENVIRONMENT**, thus ensuring **A PRODUCT OF EXCEPTIONAL QUALITY AND RELIABILITY.**



figure A



Filter for tests with oil

figure B

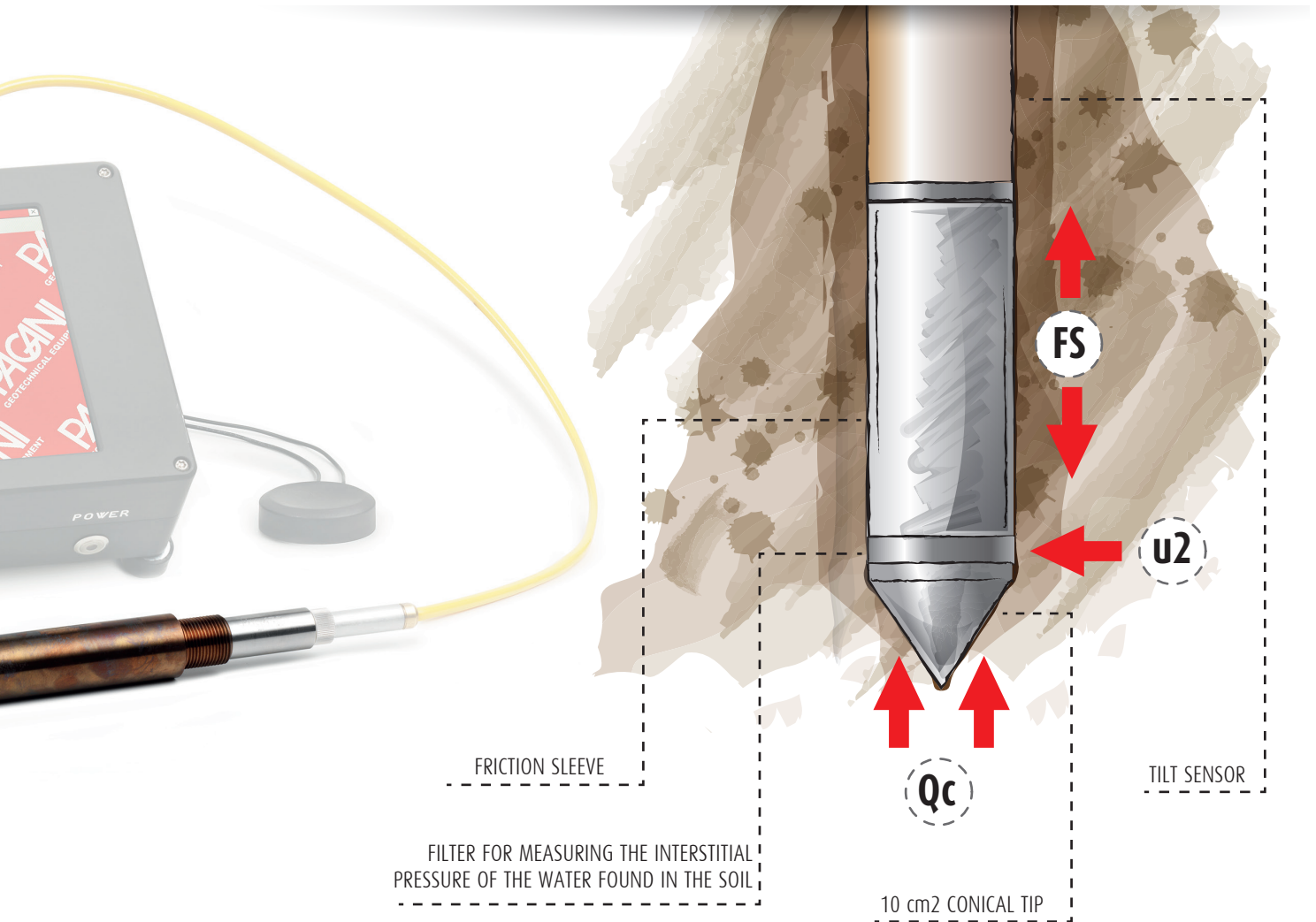


Ring for tests with grease





## A COMPLETE READING



### TECHNICAL SPECIFICATIONS

SENSOR	MAX RANGE	RESOLUTION	ACCURACY
QC	50 - 100 MPa	24 bit	0.005 MPa
FS	1600 kPa	24 bit	0.04 MPa
U2	2500 kPa	24 bit	0.04 MPa
TILT	0° - 20°	12 bit	0.5°

### SIZE

Length	320 mm	Weight	1.8 kg
Diameter	35.8 mm	Opening angle of bit	60°
Cone Base Area	10 cm <sup>2</sup>	Side sleeve surfaces	150 cm <sup>2</sup>



[www.pagani-geotechnical.com](http://www.pagani-geotechnical.com)

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Non-binding data, with right to make changes.

The diagrams may differ from the standard version.

The equipment may differ depending on which country it is being shipped to.