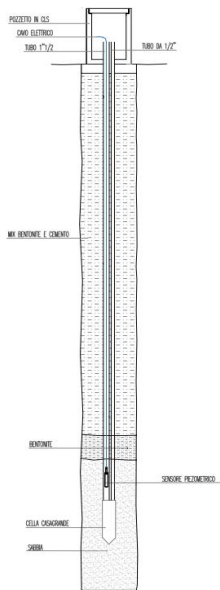
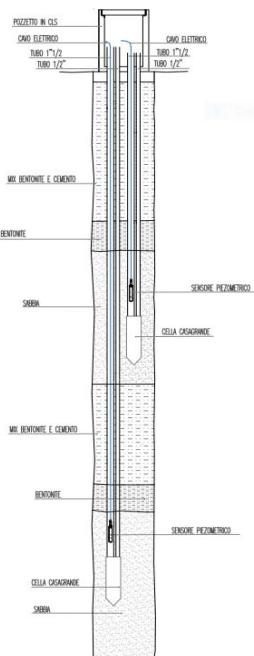


INSTALLATION EXAMPLES



Casagrande cell monitored with pressure transducer



Two Casagrande cells inside a single drilling, monitored with a pressure transducer each



The 'Casagrande' cell consists of a cylindrical filter element in sintered polyethylene with a porosity of 50 microns which allows water to penetrate, a conical lower terminal and an upper terminal with female threaded connections for the connection of piezometric pipes.

It is inserted into a medium/low permeability soil or rock perforation and sealed with a bentonite plug in the upper part, and it is connected to the surface through one or two PVC pipes. The presence of two pipes rather than one allows for better washing of the filter section during maintenance.

The pore pressure measurement can be continuously monitored by a

pressure transducer inserted inside the 1"1/2 tube, or the level measurement can be checked manually by using a phreatimeter.

One or more Casagrande cells positioned at different depths in the ground can be put into the same drilling.

SPECIFICATIONS

dimensions (mm)	external diameter 50, total length 250
weight (g)	115
joint type	1/2" and 1/2", 1"1/2 and 1/2", 1/2"

We reserve the right to change our products and their specifications without notice.



product compliant with European directives

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