



# UK21

## Inclined testing

<b>Maximum testing gradient</b>	Up to 90°
<b>Noise output at 2 m</b>	Dependent on the excavator
<b>Clamp arrangement</b>	36/55 push-pull clamp
<b>Ram stroke</b>	0.70 m
<b>Maximum casing size</b>	55 mm
<b>Power supply</b>	Generator / power pack in a support vehicle
<b>Footprint dimensions</b>	1460 x 660

Lankelma's inclined testing rig connects to the end of most excavator arms and can be tilted to allow CPTs to be carried out at an angle. The CPT cone has been modified to allow the angle of testing to be monitored throughout the test.

Originally developed to test through a reservoir embankment, the rig also has the potential for investigating at many other sites, including inclined testing beneath buildings and structures.

Requires a support vehicle to be in the vicinity to carry additional equipment.

Specialist testing	Installations	Sampling
Seismic	VWP	MOSTAP
Pressuremeter	Piezometer	Shelby
Magnetometer	Inclinometer	
Video cone		

