

200kN Portable CPT Pushing Frame



Our 200kN portable pushing frame is great for hard to access areas including underground carparks and indoor testing.

It has a half metre stroke and with a working height of just 2.2m, it is perfect for use in confined spaces.

Reaction weight can be provided by a variety of methods depending on site conditions, such as:

- water containers for ballast during probing
- anchored to the concrete floor with dyna-bolts
- acro-propped to the concrete floor above
- installed on other site equipment eg. amphiroll

Given the compact nature of this equipment, our portable set up has been air-freighted and used for international testing in both Ghana & Zambia, Africa

PUSHING FRAME SPECIFICATIONS

Overall Dimensions	Width: 0.9m; Height: 1.2m (working height: 2.2m)
Gross Weight	Approx. 175kg (minimum part weight 35kg)
Pushing Speed	20mm / sec calibrated speed for CPT. Half metre stroke
Pushing Force	Max. 200kN (20 tonne pushing capacity)
Provision of Reaction weight	Provided by using water weights for ballast during probing. It can also be anchored to a concrete floor or propped to a concrete ceiling. This equipment can also be attached to other machinery.

HYDRAULIC POWER PACK SPECIFICATIONS

Overall Dimensions	Width: 0.8m; Length: 1.5m; Height: 1.0m
Gross Weight	Approx. 300kg (with fuel/oil)

EQUIPMENT / FEATURES

Other Equipment / Features	Portable CPT rod rack and CPT rods Portable CPT computer and printer Hydraulic Hoses; available in 10m or 50m lengths Aluminium toolbox for transport and workplace storage
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SERVICES

Geotechnical Services provided	CPT, CPTu, SCPT, SCPTu (1, 5, 10, & 15 tonne cones) Ball Penetrometer DMT, SDMT Dissipation Testing CPT casing for additional rod support Piston Sampling MOSTAP and PROBEDRILL soil sampling Vane Shear Testing (Electronically driven) Vibrating Wire Installation Water Sampling Standpipe Installation (20mm and 32mm)
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