

Cross-Hole Analyzer Specifications (CHAMP-Q[™])

MAIN UNIT

Physical

Size:

320 X 250 X 68 mm (12.6 x 9.8 x 2.7 in)

Weight:

5 Kg (11 lbs.)

Temperature range:

0 to 40°C (32 to 104° F) operating; -20 to 65°C (-4 to 149° F) storage

Display:

26.4 cm (10.4 in), sunlight readable, resolution 1024 X 768 Built in capacitive touch screen

Video Outputs:

HDMI

Power:

4-hour continuous data collection with internal 12V battery

Charging Time:

6-hour maximum

Electronic

Microsoft Windows[®] 10 or higher Operating System Minimum of 128 GB SSD internal drive Ethernet port 4 USB ports 12-bit analog to digital (A/D) converter

Sampling rate:

500 kHz, 1 MHz and 2 MHz; user selectable (equivalent measuring accuracy 2µs, 1µs and 0.5µs)

Scan rate:

32 scans/seconds

Record size:

250, 500 and 1000 points; user selectable User adjustable gain

PROJECT SHAFT: DATE: Missing:	Sample Proje Sample Shaft 12/7/2018				Freeder Deschast (A) Ox (0) Ox (-) (-) (-)	(C) Ch (D)
WS >MS<		(3)	X (4)			
	DONE	4				
2.6	Can 2200	mt100	ATL OF			
27.66	A V	MANA MARKAN		P+		
2-3	3200	MI IO	AT: 08			
27.67	A V	CONTRACTOR OF	stip the thread the second			
2-5	550	Price And	1 1 . ATS 97.			
27.67	A V	THE REAL PROPERTY OF	HAMMANAM.			
3-5	2200		a sale Aty on			
27.68	n v	TH: 155 (and 111	AR AND A BRAN			
3.6	3200	hitten descalation	hte Alexandread			
27.67	A V	THI. 131 (101)				
5-6	1600	SPACES ALLENAL	Haddasse Allana	H-H- }		
27.67	A V	The Balance		V 2.	4 2 3 3.5 3.8	3.6 5.6



Other

Operates in English, SI or Metric Units Furnished with CHA-W software Full one-year warranty Technical manual provided in PDF form on a USB Drive

PROBES

Physical

Size

245 mm length x 25.4 mm diameter (9.5 in length x .1 in diameter)

Element

Ceramic

Housing

Nickel plated brass Independent depth encoder for each probe

Maximum measuring distance (probe separation)

3 m (9.8 ft)

Electronic

Pressure tested to 175 m (575ft)

Receiver

Tuned to 45 KHz nominal

Transmitter frequency (nominal) 45 KHz

Transmitter voltage 800 volts

Ē	
	PILE DYNAMICS, INC. CSL TRX SN TRX740394 MODE INTHE USA



CABLES

Cable material

Heavy duty polyurethane outer jacket

Cable length

60, 100 or 150 m (196, 328, 492 ft) Cables spooled over tripod (standard) or with the pile encoder

