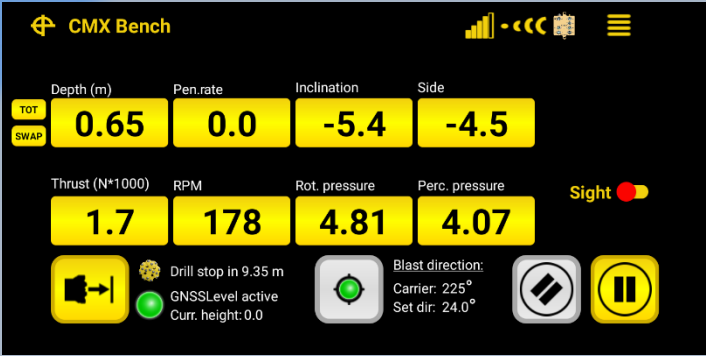


INKLINATOR® CMX Exploration



The **INKLINATOR** CMX-Exploration is designed for Exploration drill rigs. The CMX-Exploration is a **modular system** that displays, collects, and logs drilling data for documentation and statistical use. This improves the quality, accuracy and control of the drilling operation which in turn improves the productivity.

MWD-data logging is possible to add. This to make a geological evaluation of the rock regarding the rock hardness and detection of crack zones with water intrusion.



Main drilling screen.

The screen shows visible data when MWD data option is activated. Angles, drilled length and rate of penetration.

With MWD-data activated, the resulting Trust, RPM and the pressure on the rotation Can be seen on the screen in real time.

If wanted, a length stop can be set.

Kit:

The master unit communicates with the sensors via a CAN-Open network and can be mounted in a protected place.

The Android display are mounted on the operating panel.

Standard sensors are angle ang and length. Length measuring on/off is controlled with a pressure switch

Option MWD-data logging:
Pressure sensors on feed forward/backward, rotation and percussion.
RPM are measured with a proximity switch if Possible, otherwise a flowmeter.

Flushing water flow and pressure can also be measure and logged for detection of crack zones, with or without water inlet-



	A	B	C	D	E	F	G	H	I
1	Shift report								
2									
3	User ID	1118							
4	Shift start	2017-03-20 10:55							
5	Shift end	2017-03-20 10:57							
6	Blast name	Blast 5							
7	Total no holes	2							
8	Total length	4.56 m							
9	Average ROP	5.82 m/min							
10	Drill time	00:00:47							
11									
12	Shift Holes								
13	HoleNo	UserID	StartDateTime	EndDateTime	Inclination	SideAngle	DrillTime	DrillLength	AverageROP
14	[#]	[#]	[yyyy-mm-dd hh:mm:ss]	[yyyy-mm-dd hh:mm:ss]	[#]	[#]	[hh:mm:ss]	[m]	[m/min]
15	1	1118	2017-03-20 10:55	2017-03-20 10:56	10.3	16.6	00:00:19	1.76	5.56
16	2	1118	2017-03-20 10:56	2017-03-20 10:57	10.3	16.6	00:00:28	2.8	6.0
17									
18	Shift Events								
19	HoleNo	UserID	EventDateTime	DrilledLength	EventText				
20	[#]	[#]	[yyyy-mm-dd hh:mm:ss]	[m]	[#]				
21	1	1118	2017-03-20 10:56	1.1	User entered event 1				
22	2	1118	2017-03-20 10:57	1.46	User entered event 2				
23									

Export of logged data is done via the Android phone's WIFI or 5G connection to the internet. A csv. file can be sent to an e-mail addressor any cloud service.

