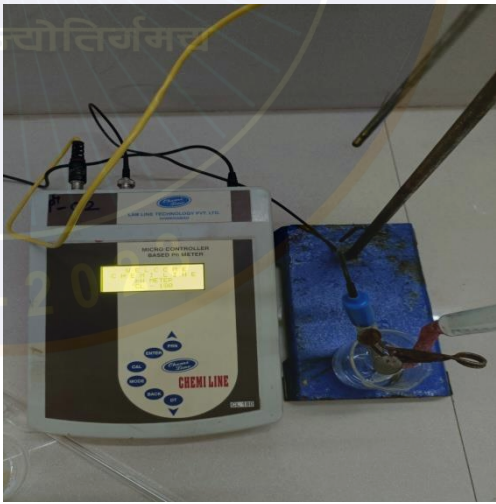
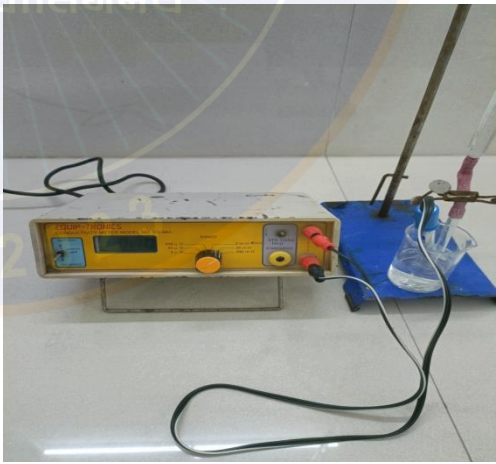


NAVJIVAN SCIENCE COLLEGE, DAHOD
DEPARTMENT OF CHEMISTRY
(INSTRUMENTATION DETAILS)

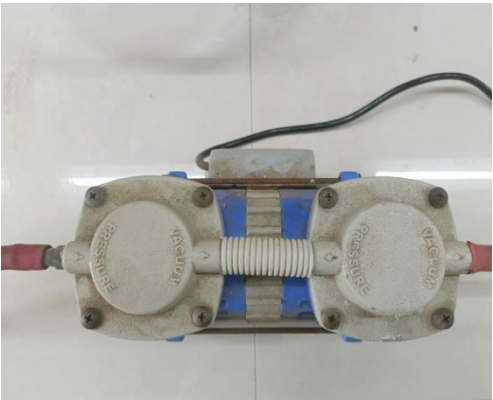
SR. NO.	INSTRUMENT NAME	PICTURE
1	SPECTROPHOTOMETER	
2	REFRACTOMETER	
3	ROTARY EVAPORATOR	

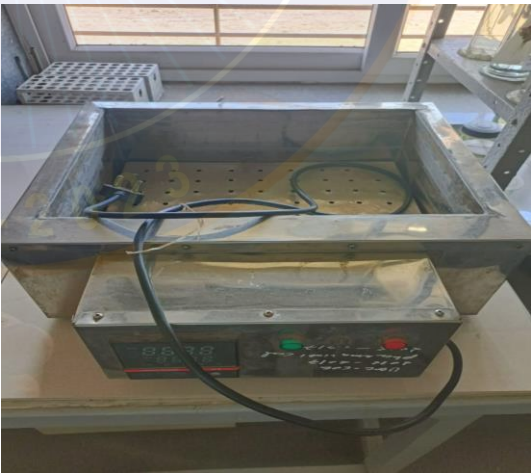
4	COMPRESSOR	
5	DIGITAL FLAME PHOTOMETER	
6	DIGITAL pH METER	

7	PORTABLE pH METER	 A white portable pH meter with a digital display at the top. Below the display is a large green rotary knob with a scale from 0 to 14. To the left of the knob is a smaller knob labeled 'CAL' and to the right is a knob labeled 'SLOPE'. The text 'PORTABLE PH METER' and 'CHEMI LINE' are printed on the front panel, along with the model number 'CL 115'.
8	DIGITAL POLARIMETER	 A digital polarimeter with a red LED display showing the number '32.2'. The device has a white faceplate with a circular scale on the left. Above the display, there is a label with instructions for use. The brand name 'EQUIP-TRONICS' and the model 'DIGITAL POLARIMETER EQ-801' are visible on the front.
9	CONTROLLER-BASED CONDUCTIVITY METER	 A yellow controller-based conductivity meter with a digital display and control knobs. It is connected to a beaker containing a liquid solution via two electrodes. The setup is placed on a blue base.

10	DIGITAL CONDUCTIVITY METER	
11	PORTABLE CONDUCTIVITY METER	
12	PHOTOELECTRIC CALORIMETER	
13	DIGITAL POTENTIOMETER	

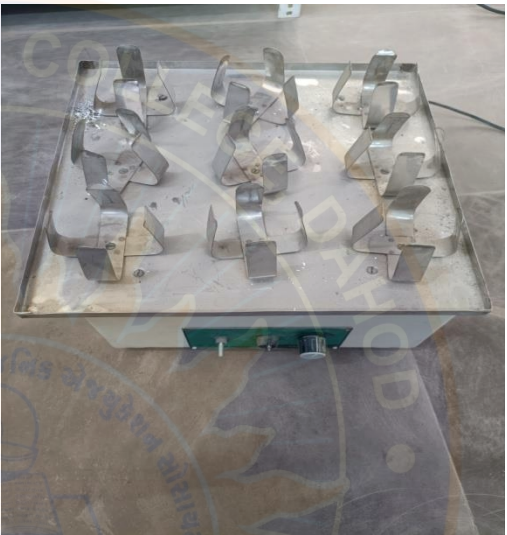
14	LED FLUORIMETER	 A white rectangular device with a red top. A blue pipette is resting on the red surface. The front panel features a small LCD screen displaying orange text and two orange buttons. The brand name 'Quantalase' is visible at the bottom left of the front panel.
15	MELTING POINT APPARATUS	 A grey rectangular device with a yellow LCD screen and two blue buttons. To its right is a circular metal assembly with a glass tube and a magnifying glass. The device is labeled 'MICRO CONTROLLER BASED MELTING POINT APPARATUS' and 'CHEMI LINE'.
16	COLORIMETER	 A yellow and white device with a red digital display showing '5.7'. A test tube is placed in a holder on the right side. The device has two blue knobs and a black knob on the front panel.
17	MINI LAB (SOIL ANALYSIS KIT)	 A blue and grey device with a digital display and a keypad. A white probe is inserted into the top. The text 'मृदापरीक्षक' and 'MRIDAPARIKSHAK' are visible on the device.

18	VACUUM PUMP	
19	HEATING MANTAL WITH STIRRER	
20	DISSOLVED OXYGEN METER-390	

21	ANALYTICAL BALANCE	
22	UV CHAMBER	
23	THERMOSTAT	

24	HOT AIR OVEN	
25	HEATING MENTAL	
26	TDS METER	

27	HEATING MENTAL WITH STIRRER 1 kWh	
28	ELECTRIC CENTRIFUGE	
29	MANUAL CENTRIFUGE	

30	SHAKER	
31	CONICAL FLASK SHAKER	
32	BLOWER	

33

STOPWATCH



34

HAIR DRYER

