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(57) Abstract :

The present invention relates to a portable, lightweight, and small device which can easily measure the ethanol content in Ethanol Blended Motor Spirit (EBMS) manually. The proposed device assembled with the hollow cylinder (101), upper cap (102), upper cap holder (103), lower cap (104), lower cap holder (105), slider Mechanism (106), U shape handle (107), slider passage (108), locking system (109) and marking scale (110) which engages with each to form a complete apparatus for measuring ethanol in motor spirit (100). The proposed apparatus allows the mixing of specific quantity of Ethanol Blended Motor Spirit (EBMS), and a specific quantity of water under the fact that water easily blends with ethanol, resulting in an elevated water proportion, and represented by the marking scale (110) which is in percentage provided on the apparatus, helps in determining the quantity of ethanol that has been mixed into the Ethanol Blended Motor Spirit (EBMS).

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