is placed the other case. This rubber band or part, must take the proper care and presented and darkness always enter meters, should always be used, as it makes the meter caution in their use. This requires some of this class should be taken down perfectly dust and bug proof. It has been familiarity with meters, which is generally once a year, tested and thoroughly found that meters with cases of ordinary obtained by experience and care in following A bellows and brush may in some cases fitting are hampered with dust and dirt; and the instructions. That some people get suffice. In other cases it will be necessary with such cases it is impossible to keep better results with meters than others is due to take the meter apart and thoroughly meters correct, necessitating frequent over-hauling and cleaning. The Schebfor meter, if the case is properly put on with the rubber band, is perfectly air-tight and gives an assurance of its permanency. The bind-ing research that they should remain correct it ing posts will be seen to be insulated in a is necessary that they be handled so that thorough manner, ordinary holes not being nothing changes. The friction is reduced to depended upon. The holes in the binding the lowest point, and any rough handling part are closed on end and insulated by hard rubber, making it impossible that anything immediately add friction, and then the meter can get through the post; and also making ceases to be reliable. it unnecessary to tape or plug any holes.

This meter is correct on inductive loads,

will strain or change some part, which will

In moving parts are extremely light—at the same time not too delicate.

The iron circuit in the magnetic system is practically a closed one, preventing stray lines of force from acting on other parts of the meter, and is therefore, unaffected by outside influences. This closed circuit gives the maximum effect with the minimum energy possible in construction, the shund winding taking about \(\frac{1}{2}\) to \(\frac{1}{2}\) Watt on 7,200 alternations.

This meter is correct on inductive loads Every station which uses meters should rapid manner.

The first and greatest trouble with meters

and therefore can be used on fan motors, or induction motors, are lamps, etc.

Stations adopting the meter system in all joints to prevent this. Bugs seeking warmth

of this class should be taken down at least once a year, tested and thoroughly cleaned. clean.

The jewels should be inspected, as they wear rough or may be cracked. By screwing out the jewel screw from the bottom, and taking a pin or needle and running it over the surface of the jewel, any imper-fection or roughness can be detected. If the least roughness is detected a new jewel screw should be used. Also the pivot on end of shaft should be inspected. As a rule, a rough jewel will make a rough pivot. If the pivot is replaceable, as in the new Scheefer Meter,

See that no dirt is between the magnates.

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