

**The HOFSCHEIDER
AUTOMATIC
Dental Lubricator**



**No Wires
No Bracket
No Electrical Mechanism**



**Entirely Mechanical
Simple Construction
Hangs on Dental Engine Arm**



**Durable
Efficient
Low Priced**



**THE HOFSCHEIDER
CORPORATION**

ROCHESTER, N. Y., U. S. A.

FOREWORD

Lubrication of stones, for grinding purposes, is a necessity *recognized* for centuries.

If there is any place in the world where complete lubrication, or wetting of a grinding element, is necessary it is in the human mouth.

Methods in vogue today are not completely satisfactory or efficient.

Dipping, sponging or spraying by an assistant, dentist, or patient, are *unreliable* means to an end.

Why

Because, after the initial wetting, we recognize the necessity for further lubrication only when the *dust flies*. The heat has accumulated, the stone has suddenly *spent* its moisture and *the damage is done*.

It is *too late* then to dip again, or instruct the assistant to be more exact.

It is *too late* to tell the patient, "It won't hurt" or "Kindly sit still," because the resultant pain follows closely, instantly, as a penalty for the *abuse* of natural live tooth structure.

It is too late, *the pain is there!*

The Solution of the Problem

The HOFSCHEIDER AUTOMATIC DENTAL LUBRICATOR insures a *steady* flow of cool liquid to the point of operation as long as the grinding element grinds, and automatically shuts off when the grinding element stops.

We have accomplished, then, not the correction of a new problem but the practical solution of a problem as old as dentistry itself, namely, the keeping of a dental grindstone *constantly and uniformly wet* as long as it revolves.

The Lubricator

Is all metal, only 2½" by 3¼" in size, is fastened permanently to the rigid section of the dental engine arm by means of a clamp, filled once a day, and is *always ready for instant use*.

It is automatically controlled by a governor over which the cord of the dental engine is easily and quickly placed when the Lubricator is to be used.

When the operation is completed the dental engine cord is slipped off the Lubricator governor and the machine ceases to operate.

Automatic lubrication through an accessory hand-piece clip is then supplied without further attention to the Lubricator.

Pure rubber tubing conveys the liquid from the Lubricator to the hand-piece clip. This tubing is uncovered, sanitary and sterilizable.

The liquid used in the Lubricator is pure water, preferably flavored and made non-corrosively antiseptic, to suit the individual dentist's requirements.

The benefits derived from automatic lubrication are contained in this,

An Alphabet of Efficiency

- a. Elimination of *all* heat.
- b. Consequent *prevention* of most pain.
- c. No dead pulps from heat.
- d. No dehydration of tooth structure.
- e. Relaxation of patient.
- f. No inhalation of germ laden particles of tooth dust.
- g. No contamination of the atmosphere of an otherwise sanitary office.
- h. No odor of burning tooth structure.
- i. No nauseating dryness of patient's throat.
- j. No clogging of pores in stones and consequent slipping and pressure.
- k. Great saving in stones.
- l. No nerve racking vibration due to intermittent lack of complete lubrication.
- m. Fewer lop-sided stones.
- n. No slopping of water on patient.
- o. Bridgework of any description cut quickly without burning fingers, breaking stone and with,
- p. All gold dust saved by cutting or grinding over a dish, with Lubricator in use.
- q. No smearing, wiping, scratching, picking, or blowing necessary to cleanse cavity of debris.
- r. No open ends of dentinal tubuli clogged with infectious tooth debris because tooth particles are washed out as fast as they are cut from tooth wall.
- s. No after decay caused by a lining of infectious granulated tooth structure being left between dentine and filling.

- t. No overheated burs and resultant excessive pain from hot tool steel.
- u. No clogged, slipping, inefficient burs in operation.
- v. Fewer and sharper burs used.
- w. No futile dipping, sponging or attempted spraying of stone or bur by assistant, patient or dentist.
- x. No lost movement.
- y. Time saved, efficiency increased, fee proportionately larger.
- z. Complete, Satisfactory Service.

Conclusion

This machine is sold to the dentist primarily for use with stones.

Its use in this respect is an established and recognized necessity.

It is priced on this basis and should prove invaluable.

It is not our intention to induce you to adopt the new method of Wet Cavity Preparation introduced by Dr. F. J. Hofschneider and used successfully by many dentists, for years, but we believe after exhaustive experiment and conclusive results, that the day is not far off when dry cavity preparation and all its attendant evils and irreconcilable logic will be a thing of the past.

If, therefore, you wish to avail yourself of the opportunity and advantages of also using your Lubricator with the bur, this company heartily encourages a trial.

It should render you and your patients a valuable service, increase your practice, and may encourage you to adopt the new method of wet cavity preparation which should ultimately become universal for reasons given under various letters of our "An Alphabet of Efficiency."

The HOFSCHEIDER AUTOMATIC LUBRICATOR is finished in Mahogany, Black, and Ivory Enamel—Price \$25.00.

PRICES ON PARTS

Tubes and Guards	\$1.00
Long and Short Hand Pieces.....	\$1.50
Contra Angles	\$2.00
Special Clips	\$2.50
Resoldering Job on Clips.....	\$.25

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