

# BORDER-LOCK®

SEMI-CUSTOM IMPRESSION TRAYS



SUPERIOR RESULTS FROM A  
TRAY THAT **MAKES YOU MONEY**  
EVERY TIME YOU USE IT.

## A TRUE OVERACHIEVER

BORDER-LOCK® is a technologically advanced impression tray program designed to out perform traditional stock trays and achieve results which rival that of custom made trays. With numerous tray sizes and a precise selection method, the BORDER-LOCK program consistently delivers an exact fit and impression detail not found in any other product. A unique design and advanced construction materials are employed to establish the BORDER-LOCK tray as the new alternative for dental professionals demanding only the finest from their equipment.

# DENTULOUS

## *Disposable and Autoclavable*

### ADVANCED ANATOMICAL DESIGN

To improve impression quality it is necessary to minimize impression volume. The BORDER-LOCK program goes far beyond the conventional sizing options of small, medium and large. BORDER-LOCK trays are designed according to the three most common dental arch shapes: Normal, Square and Gothic. To accommodate different arch sizes, several trays are available within each shape. In many cases, the precise fit of the BORDER-LOCK tray eliminates the need for laboratory made custom trays.



*Semi-Custom Shape: The BORDER-LOCK trays have been developed according to the three most common dental arch shapes.*



*The BORDER-LOCK tray completely seals the impression space creating optimal dynamic pressure. The impression material does not escape towards the throat.*



### DEVELOPMENT OF DYNAMIC PRESSURE

The key to an excellent impression is the development of optimal dynamic pressure during the impression process. The design features of the BORDER-LOCK tray effectively reduce and seal the impression space, resulting in highly detailed margins of preparation while using up to 30% less impression material. The posterior edge of the tray extends to capture the 3rd molar and inhibits the impression material from escaping towards the throat.

**“FINALLY, A TRAY THAT DELIVERS ON EVERY LEVEL – FROM A SINGLE UNIT ONLY TO A FULL MOUTH RECONSTRUCTION.”**

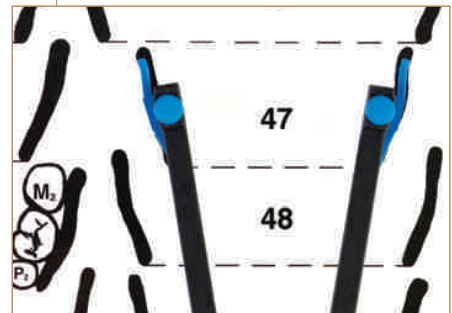
— TRENT W. SMALLWOOD, DDS



*Accurate tray selection using the measuring caliper.*

### PREDICTABLE TRAY SELECTION

When selecting an upper tray, the measuring caliper is brought into contact with the bucal surfaces of the 2nd molar and the 2nd bicuspid. When choosing a lower tray the measurement is taken lingually on the same teeth. The specifically designed caliper measures both the width and unique shape of the arch.



*After the arch is measured in the mouth, the caliper is placed on the size chart to easily select the ideal tray.*

# EDENTULOUS

*Disposable and Autoclavable*



### UNCOMPROMISED ATTENTION TO DETAIL

The Border-Lock edentulous system is patterned after Prof. J. Schreinemakers' original full denture tray, recognized worldwide for over 40 years as the finest tray in the prosthodontic field. In addition to capturing the hamular notch, the upper trays conform to the palate and maintain excellent peripheral contours. The lower trays do not impinge on the retro molar pads and they provide precise distal extension. Optimal retention of the complete denture is assured, even in cases where significant resorption has occurred. Ultimately, the tray maintains rigidity throughout all phases of the impression sequence.



### BORDER-LOCK MAKES A SERIOUS IMPRESSION

It has been said that taking an impression is the most highly under rated procedure in dentistry. Although impression materials have reached near perfection, statistical research shows that over 50% of impressions fail to meet minimum standards - they are distorted. Tray stability is essential. Most conventional disposable trays do not maintain adequate stability. The dimensional stability of impressions taken with a BORDER-LOCK tray have been tested extensively and are consistent with that of metal trays. The BORDER-LOCK tray does not compromise the importance of an accurate impression.

OPTIMAL DYNAMIC  
PRESSURE FROM ADVANCED  
ANATOMICAL DESIGN

*BORDER-LOCK  
Retention: Grooves along  
the border of the tray  
provide excellent  
mechanical retention  
while maintaining the  
development of dynamic  
pressure.*



*The edentulous measuring system ensures the most accurate tray selection.*

“THE BORDER-LOCK EDENTULOUS  
TRAY NOW MAKES IT SIMPLE TO  
CAPTURE THE ANATOMY THAT I NEED.  
THE FIRST TIME – EVERY TIME!”

—G. BRIAN REICHGOTT, DDS, PC  
PROSTHODONTIST

# THE BORDER-LOCK PROGRAM

## *Disposable and Autoclavable*

For ease of use in the operatory, all Border-Lock tray sets include a convenient Storage Kit. The Storage Kit is used to display each tray size and contains a measuring caliper and a size chart. The ideal tray is always within reach!



### DENTULOUS TRAY SET

The dentulous tray sets include one upper and one lower Storage Kit. Disposable trays are available in refill packages of ten trays of a particular size.



### EDENTULOUS TRAY SET

The edentulous tray sets include one Storage Kit with five upper sizes and five lower sizes. Disposable trays are available in refill packages of five trays of a particular size.



*The original full denture tray system was developed by Prof. J. Schreinemakers and is available for those who prefer a metal tray. The set of eleven trays has long been recognized as the finest tray in removable prosthetics.*



*Border-Lock "A" Adhesive dries to the touch within 30 seconds and ensures reliable adhesion when used with Vinyl Polysiloxane (VPS) impression materials.*

## ADVANTAGES OF THE BORDER-LOCK TRAY

- Uses up to **30% less** Impression Material
- Tray Design and Strength will nearly **Eliminate Remakes**
- Rigidity of a Metal Tray
- A Superior Impression – The **First Time!**

TO ORDER YOUR BORDER-LOCK TRAY PROGRAM CONTACT:  
**ACCU-LINER PRODUCTS**  
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**Accu-Liner**  
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