

# FIRST CRUSH

AUTOMATICALLY TURNS PILLS TO POWDER™



The industry's first **FULLY** automated pill crusher

FIRST WAVE PRODUCTS GROUP  
877-784-0269

# Product Evolution

The most advanced technical solution for pill crushing and medication delivery



Hammer/ Stapler  
& Pliers



The Original Pill  
Crusher



Mortar & Pestle



Silent Knight



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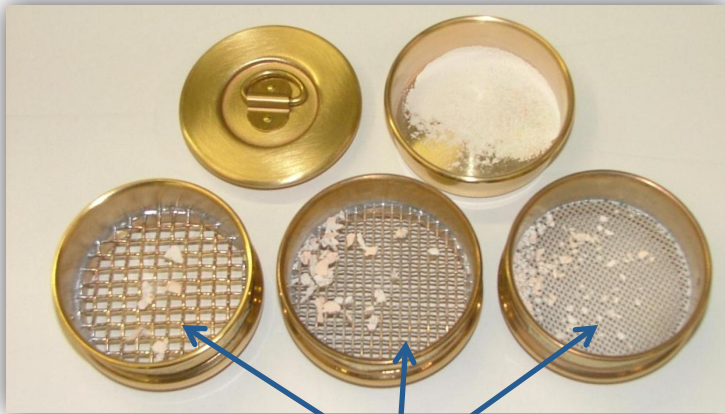
## Problems with today's MANUAL CRUSHERS

A survey of Nursing Directors reveals:

- 96% report poor crushing performance
- 88% said the process is too long or involves too many steps
- 82% complained of physical strain

Over two-thirds raised concerns of inaccurate dosing.

# Powder Not Problems!



*Today's Manual Product  
No wonder patients spit-out or tubes clog!*

## Create Powder, Not Problems

Whether clogging of patient feeding tubes or patient's spitting out their medication, fineness of powder impacts clinical efficacy.

Across various combinations of the hardest pills to crush (Calcium's, Multi-Vitamins, Senakot laxatives), First Crush™ consistently produced more fine powder than the competition for a set period of time and effort.



**COMPLETE**  **CUP**  
FIRST CRUSH AUTOMATED PILL CRUSHER

TOP Cup to Crush &  
Bottom Cup to Mix and Serve  
Unique MEDSHIELD - FDA  
Cleared  
“Static Free Treatment”  
Cross Contamination Barrier

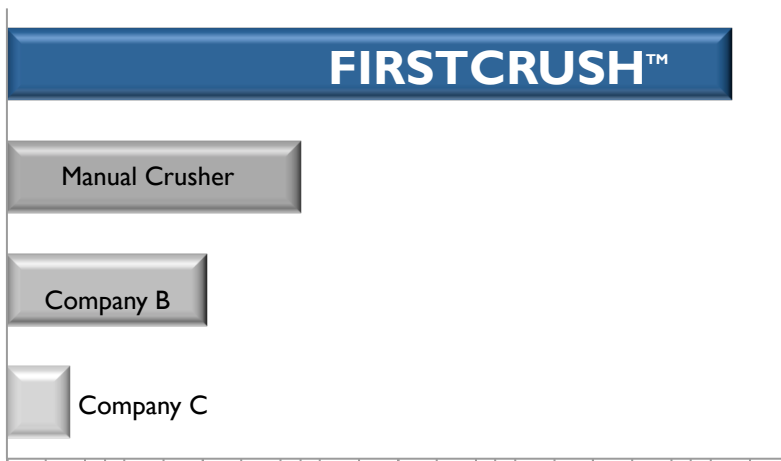


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Penn State University's College of Engineering, established in 1896, has a long tradition as one of the country's leading educators of engineers, and holds one of the nation's largest programs with over 380 full time faculty members. In the Fall of 2009, the school tested the leading pill crushing systems available on the marketplace as the first step of defining a new standard of care for the healthcare industry.

## Over 200% More Fine Powder vs. Competition Independent Analysis: Penn State Univ. 2009



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**“This is 100% better than what we do today” .....**

*(Director of Quality Care – Head of Purchasing Committee)*

**“ If what we do is a 1 than this is a 10 !” .....**

*(Director of Purchasing)*

**“ Went through my entire med pass with no spit-out ... a FIRST for me” .....**

*(LPN for 20 years)*