

CRUSH TESTER

CT-2000

Principle

- Use
 - Compression strength for corrugated board
 - For different testsmethods
 - Flat crush test
 - Ring Crush test
 - Corrugated crush test
 - Pin Adhesion test
 - Edge crush test (ISO)
 - Edge crush test (TAPPI)



Standards

- ISO 13820
 - Paper, board and corrugated fibreboard --
Description and calibration of compression-
testing equipment
- ISO 3035-12192
- EN-ISO 3037-7263
- EN 23035
- TAPPI T818-T839





rycobelgroup



Crush tester

Technical Specifications

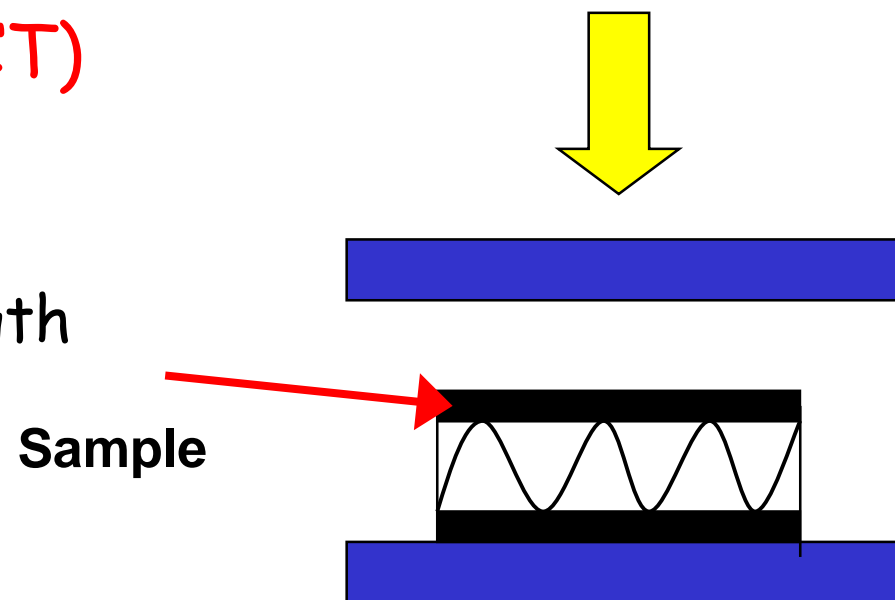
- Capacity : 4000 N
- Resolution 0.1 N
- Units : Selectable
- Speed 10-40 mm/min
- Gage length : 4-80 mm
- Software with automatic calculation
- Statistics, Printer, PC output



Test methods

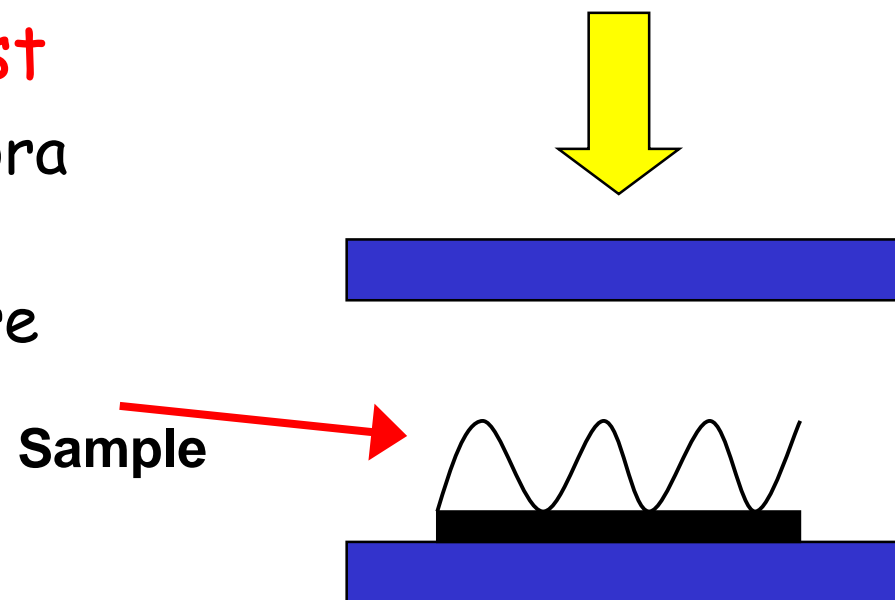
- Flat Crush Test (FCT)

- Sample 100 cm² (Cutter)
- Automatic gage length adjustment
- No special attachments



Test methods

- **Concora medium test**
 - Sample out of concora
 - Fixed and held together by pressure sensitive tape
 - No special attachments
 - Record max force

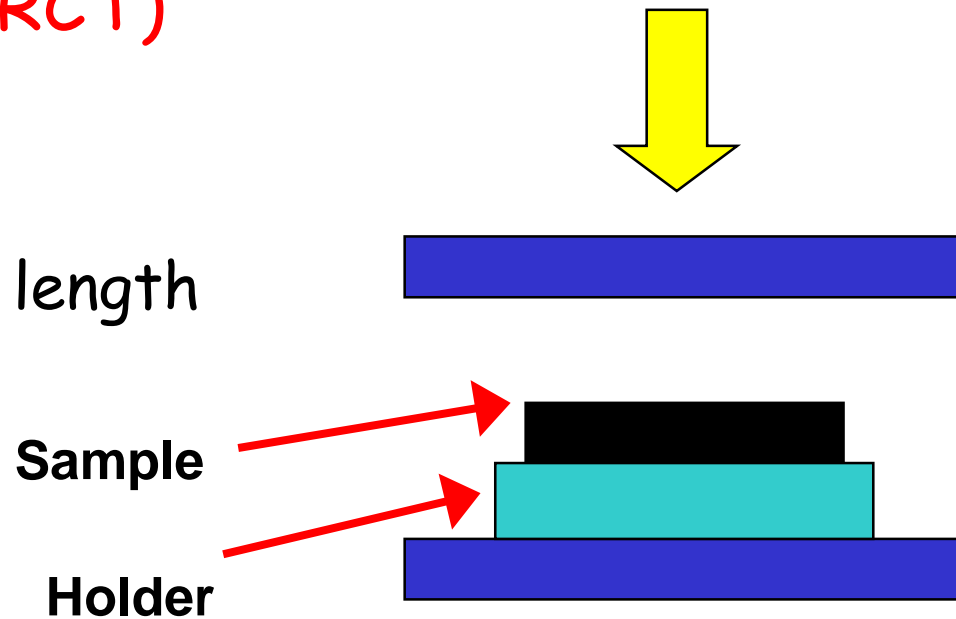


Test methods

- Ring Crush Test (RCT)
 - Sample in holder
 - Sample 12.7 mm
 - Result: F per unit length
 - Different rings



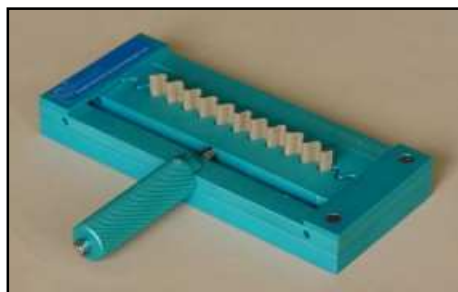
CT-RA



Test methods

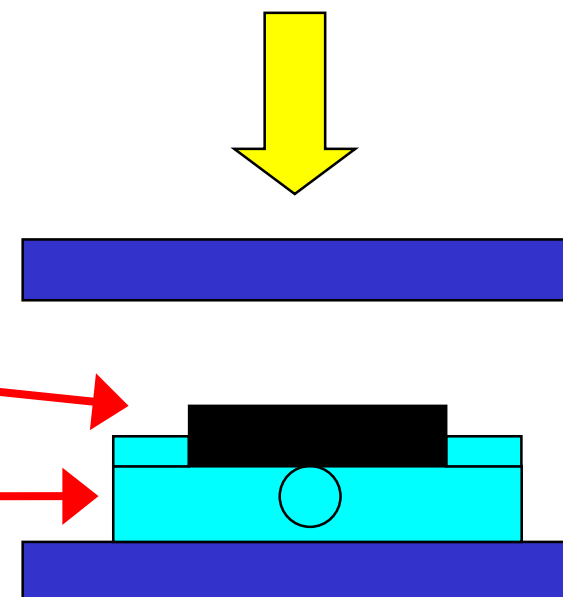
- **Corrugated crush test (CCT)**

- Fluter sample in holder
- Results : Max. Force
- Sample prep.
- Concora fluter



Sample

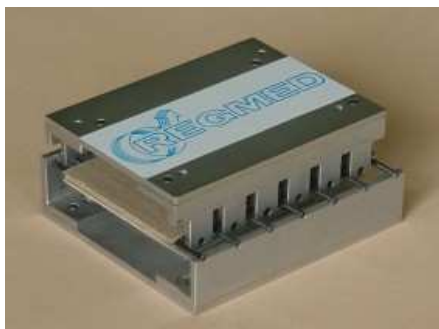
Holder



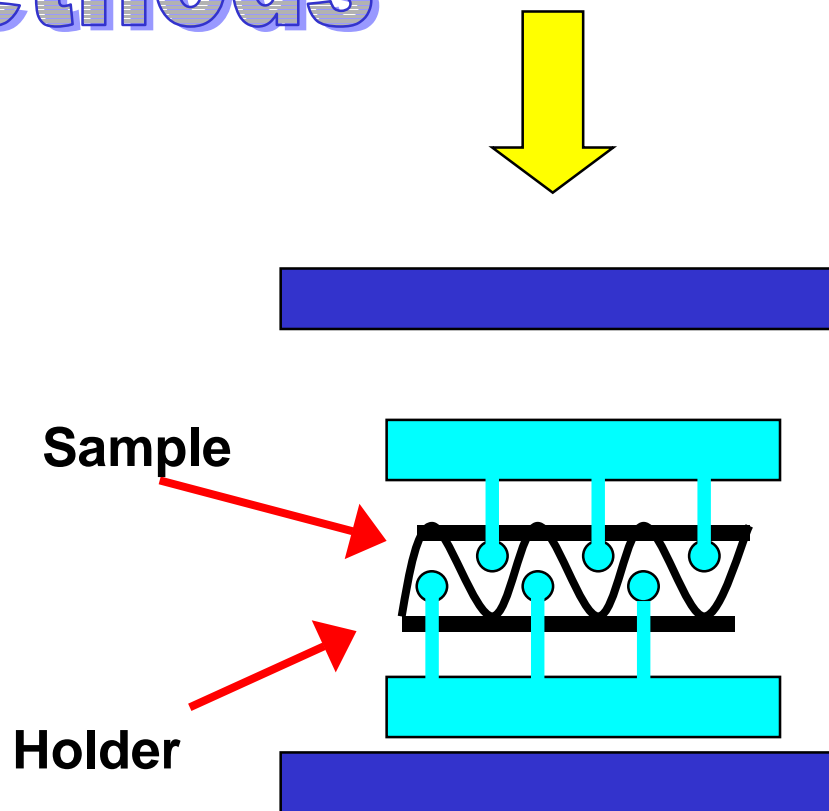
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Test methods

- Pin adhesion test (PAT)
 - Corrugated sample in holder
 - Results : Max. Force
 - No Standard holder
 - Made on customers specs
 - Not for D & E flutes

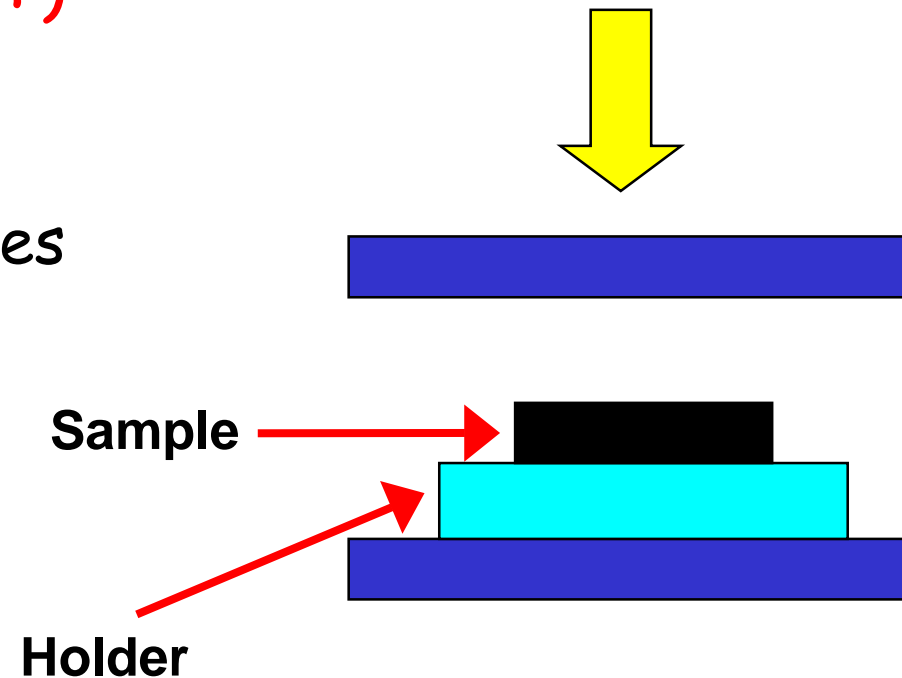
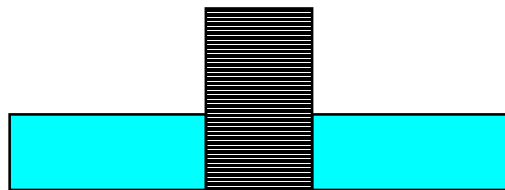


CT-AC



Test methods

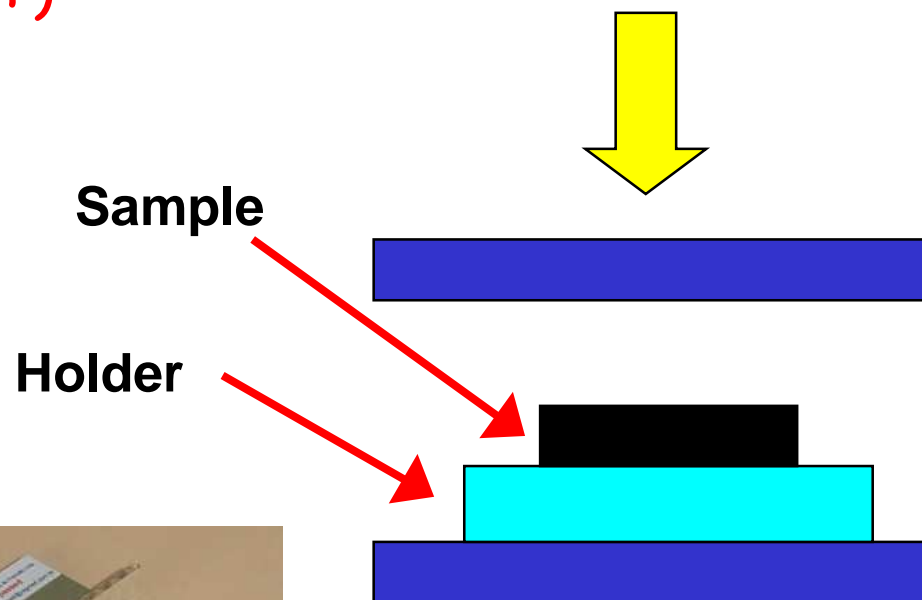
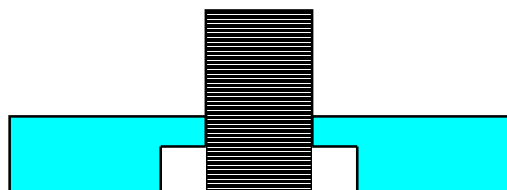
- **Edge crush test (ECT)**
 - ISO spec
 - Sample in holder
 - Force parallel to flutes
 - Results : Max. Force divided by length



Test methods

- **Short Column test (SCT)**

- TAPPIspec
- Sample in holder
- Force parallel to flutes
- Results : Max. Force devided by length



SCT