Corner testing device EPG 3951
For the determination of corner fracture values on welded PVC corners

The corner testing device is one of the important quality testing devices in the window production.

With the EPG 3951 you have the possibility to test the corner fracture value easy and quick according to DIN 16830-1, EN 514 and RAL -GZ 716/1. The EPG 3951 operates according to the GKV test and assessment prescribed test method (pressure break test).

Characteristic features:
- Steady housing with safety glassdoor
- Glassdoor with safety switch
- Motordriven stamp feed by regulated three phase current motor
- Permanent force insert with spindle hoist gear
- Linear guided stamp
- Stamp customizable to the profile contour
- Direct force measuring with piezo force transducer
- Digital indicator for the fracture values
- Effective range 0 - 20000 N fracture value
- Test of corner strength on welded profiles according RAL-GZ716/1 respectively DVS 2207 detail 25 possible

Optional extras:
- Stand
- PC with monitor for indicating and analyzing the fracture value:
  - Multiple storage of profile data (database)
  - Documentation for test: machine, operator, weldingdata etc.
  - Recording of the fracture-curve and fracture-value
  - Recording in a database
  - Reading in of footage possible
  - Release of the database as exel, pdf or print possible
  - Automatic positioning of the stamp according to the needed hight
  - Manual or automatic sequence

Technical data:
- Power (kW): ca. 2.2
- Voltage (V/Hz): 230 / 50
- Weight (kg): approx 250 (Depending on options)