**Task:**

**Application field:** Building Materials

**Material:** Cement clinker

**Feed size:** 0-15 mm

**Feed quantity:** 1500 g

**Material specification(s):** hard brittle

**Customer requirement(s):** < 100 µm for analysis acc. to ASTM C-150

**Subsequent analysis:** X-ray Fluorescence Analysis

**Solution:**

**Selected instrument(s):** DM200 Laboratory Disc Mill

**Configuration(s):** Set of grinding discs, made of hardened stainless steel

**Parameter(s):** Gap size of the grinding discs 0.1 mm

**Time:** 5 min.

**Achieved result(s):**
- 83 % < 250 µm
- 50 % < 125 µm

**Remark(s):** After pre-grinding in DM 200, a representative single sample can be taken for fine grinding in Planetary Ball Mill PM 100 or PM 200.

**Recommendation:** For fine grinding of bigger quantity cement clinker, the Disc Mill DM 200 is suitable under the above mentioned conditions.