# Ürün bilgileri

## Combined roughness and contour measuring station MarSurf LD 140

**Ürün özellikleri**

**2 in1: Automatic and simultaneous measurement of roughness and contour**

With the new MarSurf LD 140/280 measuring station, Mahr offers an automated solution for measuring roughness and contour at the same time and with the highest accuracy. For this purpose, the device is equipped with a newly developed tactile probe system. Its probe arm unit records the measurement data only once, which the software can then evaluate twice for both contour and roughness characteristics if desired. Customers save twice: time, as they receive two measurement results with just one measurement run; and money, as they only have to invest in one measuring station.

**Uygulama**

**Mechanical engineering**
Bearings, threads, threaded rods, ball screws, shafts, racks

**Metrology close to production**
Contour measurement in a semi-automatic process

**Automotive**
Steering, brake system, gearbox, crankshaft, camshaft, cylinder head

**Medicine**
Contour measurement for hip and knee endoprostheses, medical screws, dental implants




Malzeme no.: **6269040**

### Teknik veriler

| | |
|---|---|
| **Hareket uzunluğunun başlangıcı (X'te)** | 0.1 mm |
| **Hareket uzunluğu (Lt)** | 0.01 - 140 mm |
| **Ölçüm kuvveti (N)** | .7 mN to 30 mN, adjustable via soft |
| **Ölçüm hızı** | 0.02 mm/s - 10 mm/s |
| **Konumlandırma hızı (mm/sn), X ekseni** | 0.02 - 200 mm/s |
| **Positioning speed Z-axis** | 0.02 - 50 mm/s |
| **Prob** | Combined roughness and contour probe system |
| **Prob kolu uzunluğu** | max. 250 mm |
| **Çalışma sıcaklığı** | 15 °C - 45 °C |
| **Lagertemperatur** | -15 °C - 50 °C |
| **Kg cinsinden iş parçası ağırlığı (maks.)** | 90 kg |
| **Diğer** | manual TY |

# Ürün bilgileri

## Combined roughness and contour measuring station MarSurf LD 280




Malzeme no.: **6269042**

### Teknik veriler

| | |
|---|---|
| **Hareket uzunluğunun başlangıcı (X'te)** | 0.1 mm |
| **Hareket uzunluğu (Lt)** | 0.01 - 280 mm |
| **Ölçüm kuvveti (N)** | .7 mN to 30 mN, adjustable via soft |
| **Ölçüm hızı** | 0.02 mm/s - 10 mm/s |
| **Konumlandırma hızı (mm/sn), X ekseni** | 0.02 - 200 mm/s |
| **Positioning speed Z-axis** | 0.02 - 50 mm/s |
| **Prob** | Combined roughness and contour probe system |
| **Prob kolu uzunluğu** | max. 250 mm |
| **Çalışma sıcaklığı** | 15 °C - 45 °C |
| **Lagertemperatur** | -15 °C - 50 °C |
| **Kg cinsinden iş parçası ağırlığı (maks.)** | 90 kg |
| **Diğer** | manual TY |

**Ürün özellikleri**

**2 in1: Automatic and simultaneous measurement of roughness and contour**

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**Uygulama**

**Mechanical engineering**

Bearings, threads, threaded rods, ball screws, shafts, racks

**Metrology close to production**

Contour measurement in a semi-automatic process

**Automotive**

Steering, brake system, gearbox, crankshaft, camshaft, cylinder head

**Medicine**

Contour measurement for hip and knee endoprostheses, medical screws, dental implants