



## SKF TKDT 10

### Contact thermometer

The SKF Thermometer TKDT 10 is suitable for a wide range of applications. It is a pocket sized, user friendly instrument with a wide temperature measurement range and it has the option to connect up to two temperature probes for simultaneous measurements. The TKDT 10 is supplied with a temperature probe included.

## Technical specifications

| Dimensions                  |                   |
|-----------------------------|-------------------|
| Case dimensions (l x h x w) | 530 x 85 x 180 mm |
| Instrument dimensions       | 160 x 63 x 30 mm  |

| Performance                   |          |
|-------------------------------|----------|
| Temperature range using probe | Array °C |

| Properties                      |                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Auto switch off                 | 20 min, off                                                                                                                                                                                                                                                                                                                                  |
| Battery                         | 3x AAA (LR03) Alkaline (incl.)                                                                                                                                                                                                                                                                                                               |
| Battery life                    | 18 hours typical use (backlight on) h                                                                                                                                                                                                                                                                                                        |
| Colour                          | Blue;Dark Grey                                                                                                                                                                                                                                                                                                                               |
| Connection                      | 2x Type-K connectors                                                                                                                                                                                                                                                                                                                         |
| Content                         | 1x SKF Thermometer TKDT 10;1x Contact probe TMDT 2-30;3x AAA batteries;1x printed QR card                                                                                                                                                                                                                                                    |
| Degree of protection (IP)       | IP 40                                                                                                                                                                                                                                                                                                                                        |
| Display                         | LCD with dual temperature display with switchable backlight                                                                                                                                                                                                                                                                                  |
| Housing material                | Plastic; thermoplastic rubber                                                                                                                                                                                                                                                                                                                |
| Instrument weight               | 200 g                                                                                                                                                                                                                                                                                                                                        |
| Measurement modes               | °C, °F, K                                                                                                                                                                                                                                                                                                                                    |
| Operating temperature range     | Array °C                                                                                                                                                                                                                                                                                                                                     |
| Probe                           | Supplied with K type probe, TMDT 2-30 included (max. 900 °C);Other probes optional                                                                                                                                                                                                                                                           |
| Probe response time             | 2.3 s                                                                                                                                                                                                                                                                                                                                        |
| Recommended applications        | Used in applications where an accurate temperature measurement on non moving hard surfaces is required E.g. bearings, bearing housings, pumps, compressors and other machines. Also suited for use with SKF TIH induction heaters for measuring the difference between the bearing inner and outer ring temperatures during bearing heating. |
| Recommended storage temperature | Array °C                                                                                                                                                                                                                                                                                                                                     |
| Relative humidity               | 10 to 90% RH non-condensing                                                                                                                                                                                                                                                                                                                  |
| Resolution                      | 0.1 °C/°F (below 999.9);1 °C/°F (above 1000)                                                                                                                                                                                                                                                                                                 |
| Special features                | Min, max, average, differential, dual temperature, hold, timer                                                                                                                                                                                                                                                                               |

| Logistics          |             |
|--------------------|-------------|
| Product net weight | 1.11 kg     |
| eClass code        | 23-05-19-01 |
| UNSPSC code        | 41112202    |