

# SKF Basic condition monitoring kit

## CMAK 400-ML

An essential collection of measurement tools for all industrial manufacturing plants. The SKF Basic condition monitoring kit makes machine health monitoring a simple task for maintenance, operations, reliability, and vibration analysis departments.

### Features

- Assessment of overall machine condition
- Test bearings, pumps, motors, compressors, etc.

### Multi-parameter machine assessment with the SKF Basic condition monitoring kit:

#### SKF Machine Condition Advisor CMAS 100-SL

The SKF Machine Condition Advisor simultaneously measures machine vibration signals and temperature to indicate machine health and bearing condition.

#### SKF External sensor kit for the SKF Machine Condition Advisor CMAC 105

The external vibration sensor with magnet provides convenience for hard-to-reach surfaces and more repeatable and accurate measurements.

#### SKF Infrared Thermometer CMSS 3000-SL

The heavy duty SKF Infrared Thermometer is a dual laser sighted, non-contact instrument for long range application.

#### SKF Inspector 400 Ultrasonic Probe CMIN 400-K

The SKF Inspector 400 Ultrasonic Probe senses high frequency sounds produced by operating equipment, leaks, and electrical discharges and makes them audible. The SKF Basic condition monitoring kit features all of the accessories from the SKF Inspector 400 Ultrasonic Probe kit.

#### Carrying case

The instruments are packaged in a light, durable aluminium carrying case for industrial environments.

- Style: Riveted construction
- Weight: 2,6 kg (5.7 lb.) case only
- Dimensions:
  - Length: 450 mm (18 in.)
  - Width: 330 mm (13 in.)
  - Depth: 150 mm (6 in.)
- Material: 0.040 5052 H34 (or H32) aluminium – satin (mill) finish
- Features:
  - Valance (extrusion) – at joining ends (aluminium)
  - Continuous hinge (aluminium) – full length
  - Tubular handle (plated steel)
  - Two locking draw bolts (plated steel)
  - Eight reinforced corners (plated steel)
  - Four plastic bumpers – hinge side
  - Made in the U.S.A.
  - Briefcase pallet (faux leather)
  - Custom dye cut foam interior (1.3 lb/ft<sup>3</sup> density)
- Color: Anodized and color dyed exterior finish (Blue)



### Ordering information

#### SKF Basic condition monitoring kit [CMAK 400-ML] includes:

- SKF Machine Condition Advisor [CMAS 100-SL]
  - External sensor kit, 100 mV/g accelerometer with 1,5 m integral cable and magnet [CMAC 105]
- SKF Infrared Thermometer [CMSS 3000-SL]
- SKF Inspector 400 Ultrasonic Probe Kit [CMIN 400-K]
  - Ultrasonic Probe pistol housing with LED bargraph meter
  - Lightweight foam lined headset [CMAC 8600-1]
  - Stainless steel unisonic scanning module [CMAC 8600-6]
  - Stainless steel stethoscope/contact module [CMAC 8600-7]
  - Stethoscope extension rods [CMAC 8600-8]
  - Rubber focusing probe [CMAC 8600-9]

SKF Machine Condition Advisor



External sensor kit



SKF Infrared Thermometer



SKF Inspector 400 Ultrasonic Probe



Carrying case



For additional information on the instruments included in the kit, please refer to the previous, respective sections.