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Ref. No.:  
1436-09061600

## Overview and Technical Data:

# HEXAGON 664 DUAL Z Multisensor-Koordinatenmessgeräte (KMG)

**HEXAGON**



Year of Build:  
Jan 2018

## Description:

## Used HEXAGON 664 DUAL Z Multisensor-multisensor coordinate measuring machine (CMM)

Technical data for the new Optiv Performance 664 Dual Z multisensor coordinate measuring machines (CMMs) from Hexagon Manufacturing Intelligence:

- **Multisensor concept:** The Optiv Performance line enables a variety of sensor configurations for tactile and contactless measuring and scanning tasks in a single system. Different workpiece features can be inspected by the appropriate sensors without reclamping, saving valuable measuring time.
- **Technology:** Based on the same technology as the highly-successful Optiv Performance 443, the new CMMs feature low-vibration granite construction, precise mechanical linear guides on all axes, backlash-free precision drives, and integrated temperature compensation – resulting in a level of structural quality that means the machines can be used close to production.
- **Measurement range:** The Optiv Performance 663 boasts a measurement range of 610 x 610 x 305mm and the Optiv Performance 664 takes the Z-direction range up to 405mm, further increasing the range of parts that can be inspected.
- **Optiv Dual Z option:** To ensure optimal use of the entire measurement volume, the new Optiv Performance models can be equipped with Hexagon's Optiv Dual Z option, giving them two independent vertical axes for the optical and tactile sensors. This prevents the inactive sensor from impeding machine movement, so features deep within the workpiece remain accessible for easier part programming and the risk of collisions is minimal. Optiv Dual Z technology also enables the use of a motorised indexable probe head as a carrier for the tactile sensor.
- **Optiv Dual Rotary option:** The Optiv Performance 663 and 664 Dual Z also offer a simple and quick solution for measuring tasks involving rotationally symmetrical workpieces. Features distributed around the circumference of the part are made accessible by clamping in the workpiece using the CNC

rotary axis. This Optiv Dual Rotary option allows the entire rotary axis to swivel on an additional axis.

According to Wolfram Fröhlich, commercial product manager at Hexagon Manufacturing Intelligence, “Our customers are increasingly asking for versatile equipment and the new Optiv Performance 663 and 664 Dual Z models were created to fulfil this exact need. It is a futureproof measuring system capable of handling a variety of different measuring and testing tasks. The innovative Optiv Dual Z and Optiv Dual Rotary options help CMM users to find the ideal positioning of sensors and the workpiece for measurement performance beyond current limits.”

## **Technical Data:**

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Control:

[CNC](#)

## **Dimensions and Weight:**

Height:

2.540 mm

Length:

1.735 mm

Width:

1.330 mm

## **Buyer Information:**

Condition:

[Like New](#)

Available:

[On Request](#)

Sold as:

[EXW \(Ex Works - Incoterm\)](#)

VAT:

[19 %](#)

Buyers Premium:

[18 %](#)

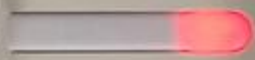
Location:

Germany

## **Images:**



OPTIV PERFORMANCE





Asset-Trade

Assessment and Sale of Used Assets world wide

Am Sonnenhof 16

47800 Krefeld

Germany

Tel.: +49 2151 32500 33

Fax.: +49 2151 65 29 22

Email: [info@asset-trade.de](mailto:info@asset-trade.de)

Web.: <https://mail.asset-trade.de/en>

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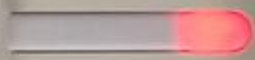
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## Images:



OPTIV PERFORMANCE





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Am Sonnenhof 16

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Germany

Tel.: +49 2151 32500 33

Fax.: +49 2151 65 29 22

Email: [info@asset-trade.de](mailto:info@asset-trade.de)

Web.: <https://mail.asset-trade.de/en>

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