



Quotation No. 58598

For

Collaborative Robot Price List

/2021

**Jiangsu Jitri Intelligent Manufacturing Technology Institute
CO., LTD. (IIMT)**



1. Product Overview:

IIMT a leading R&D institution focus on cobots and automation solutions, has 40% government share. Benefited from great independent R&D capacity, our cobots have been supplied to the USA, Japan and many major domestic customers, and received positive feedback.

Technical characteristics:

- 1.High sensitivity current detection system and perception system measure external disturbances in real time. High safety level while collaborating/interacting with human and no risk of collision.
2. Combining with the leading online programming technology in the industry. Featured in easy programming, operating, teaching and using.
3. Adopts high power density ratio joint, DC brushless motor and harmonic reducer. Based on lightweight design and easy to carry.
4. Equipped with 6-DOF rotating joints to realize flexible operation at any angle.
5. The weight can be as low as 13 kg; the repetitive positioning accuracy can be only 0.03 mm; and the working radius is up to 1300mm.







2. Pricing of Cobot

| Name | Qty (A) | FOB Price (USD) | | | |
|-------|---------|--------------------|--------------------|--------------------|--------------------|
| | | IIMT-CR-03 | IIMT-CR-05 | IIMT-CR-10 | IIMT-CR-16 |
| Cobot | A≤5 | 9188 | 9344 | 14219 | 16843 |
| | 6<A≤20 | 8531 | 8688 | 13203 | 15640 |
| | 21<A≤50 | 7875 | 8031 | 12188 | 14437 |
| | 51<A | Discuss separately | Discuss separately | Discuss separately | Discuss separately |

Note:

1. The quotation is only valid for 15 days. Based on USD: RMB= 6.4:1.
2. Above prices are FOB Shanghai Basis.
3. Lead time depends on the quantity.
4. 50% T/T as advance payment, and 50% T/T before delivery.
5. Consumables are not included.
6. The prices information above are confidential, should not be reveal to third party.
7. Remote technical support is available, on-site service is not available at this stage.
8. Warranty is one year started from delivery.

3. Technical Data

| Type | Parameters | | | |
|-------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Model | IIMT-CR-03 | IIMT-CR-05 | IIMT-CR-10 | IIMT-CR-16 |
| Payloads (kg) | 3 | 5 | 10 | 16 |
| Working Radius (mm) | 600 | 900 | 1300 | 1000 |
| Weight (kg) | 13 | 20.4 | 23.7 | 25 |
| Speed | Joint side: 180 deg/s | Joint side: 150 deg/s | Joint side: 120 deg/s | Joint side: 120 deg/s |
| | Tool side: 0.9 m/s | Tool side: 1.5 m/s | Tool side: 2 m/s | Tool side: 1 m/s |
| Repeatability | ±0.03mm (ISO 9283 standard) | ±0.03mm (ISO 9283 standard) | ±0.05mm (ISO 9283 standard) | ±0.05mm (ISO 9283 standard) |
| Collision Sensitivity | 30N | 30N | 50N | 50N |
| Collision Response Time | ≤ 0.1s | ≤ 0.1s | ≤ 0.1s | ≤ 0.1s |



| | | | | |
|-------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------|
| Rated Power | 200W | 300W | 500W | 500W |
| Programming | Graphical human-machine interface | Graphical human-machine interface | Graphical human-machine interface | Graphical human-machine interface |
| | 12-inch touch-screen | 12-inch touch-screen | 12-inch touch-screen | 12-inch touch-screen |
| | TCP/IP script programming | TCP/IP script programming | TCP/IP script programming | TCP/IP script programming |
| | C/C++ programming language | C/C++ programming language | C/C++ programming language | C/C++ programming language |
| HMI | 5 security configurations According to EN ISO 13849-1:2008 PLD | 5 security configurations According to EN ISO 13849-1:2008 PLD | 5 security configurations According to EN ISO 13849-1:2008 PLD | 5 security configurations According to EN ISO 13849-1:2008 PLD |
| Axis Range | ±360° | ±360° | ±360° | ±360° |
| DOF | 6 | 6 | 6 | 6 |
| Materials | Aluminum, ABS plastic | Aluminum, ABS plastic | Aluminum, ABS plastic | Aluminum, ABS plastic |
| Communication Interface | TCP/IP 100Mbit | TCP/IP 100Mbit | TCP/IP 100Mbit | TCP/IP 100Mbit |
| I/O Ports | 16 digital in 16 digital out | 16 digital in 16 digital out | 16 digital in 16 digital out | 16 digital in 16 digital out |
| Cabinet Dimensions | 400mm × 210mm × 500mm | 400mm × 210mm × 500mm | 400mm × 210mm × 500mm | 400mm × 210mm × 500mm |
| IP code | IP54 | IP54 | IP54 | IP54 |
| Temperature Ambient | 5 ~ 50°C | 5 ~ 50°C | 5 ~ 50°C | 5 ~ 50°C |
| Power Input | 220VAC, 50Hz | 220VAC, 50Hz | 220VAC, 50Hz | 220VAC, 50Hz |

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