

PRODUCT INTRODUCTION

CO2 Articulated Arms
Q-switched / Picosecond Articulated Arms
PIV Articulated Arms
Handpiece

COMPANY PROFILE

Shenzhen Shengdayu Technology Co., Ltd. is located in Guangming District, Shenzhen. It is a high-tech manufacturer integrating design, production, sales and service. Our main products include Nd:YAG articulated arms, CO2 articulated arms, medical- aesthetic galvanometers, control units and other laser equipment components.

Equipped with strong R&D capability, solid technical expertise and advanced manufacturing facilities, our products are widely applied in industrial cutting and medical aesthetic procedures. Our goods are sold across China and exported to Europe, America, South Korea and Southeast Asia. Based on deep market insight, Shengdayu accurately identifies market trends to deliver targeted OEM / ODM services for global customers.

Since its establishment, the company has adhered to the quality policy: "Strive for perfection, pursue technological leadership, deliver superior quality and meet customer requirements". We have accumulated extensive cooperation experience with numerous medical-aesthetic and military-industry enterprises.



PURSUE TECHNOLOGICAL INNOVATION ROOTED IN PRECISION MANUFACTURING

We offer integrated services including design, machining, assembly and optical path calibration. Our workshop is fully equipped with CNC lathes, milling machines and NC machining centers.

We implement strict full-process control from raw materials, production to inspection, packaging and shipment. Standardized workflows deliver consistent precision and durability, winning wide recognition worldwide.

We provide efficient after-sales service and customized solutions for varied customer requirements.



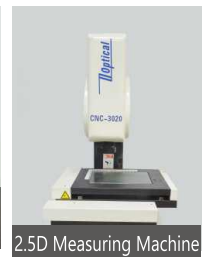
CNC Machining Center



CNC Lathe



Height Gauge



2.5D Measuring Machine

01

High-Precision Manufacturing Capability

We specialize in precision machining of laser core components. Dimensional tolerance reaches $\pm 0.003\text{mm}$ with reflectivity over 99.8%. In-house machining guarantees stable control of key dimensions and surface quality.

02

Quality Assurance System

Certified ISO 13485:2016 Medical Device QMS
100% final inspection before delivery
Traceable inspection report for every unit
Raw material traceability & full finished product test records

03

Customization Capability

Engineering support available throughout the development cycle – from drawing review to prototype validation.

04

Inspection Equipment

Professional production and inspection equipment in place. Every product undergoes 100% final inspection. Each shipment includes a traceable inspection report for quality verification.

CO2-SDY100

CO2 Articulated Arms

Front connector: Internal thread M17×0.75, Depth: 6 mm

Extended length: 1233 mm(6 joints) / 1271 mm (7 joints)
(Excluding handpiece)

Wavelength: 10.6 μm , 650 nm

Beam deviation: ± 0.7

Number of joints: 6 / 7 joints optional

Mirror size: $\Phi 25 \times 3$, $\Phi 20 \times 3$

Aperture diameter: $\Phi 10$ mm

Single mirror reflectivity: $\geq 99.5\%$ @ 10.6 μm

Cutting head focal length: $F=100$ mm

Transmission efficiency: $\geq 85\%$ @ 10.6 μm

Housing material: AL6063

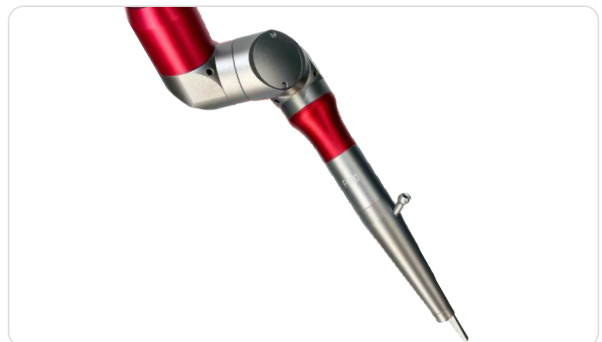
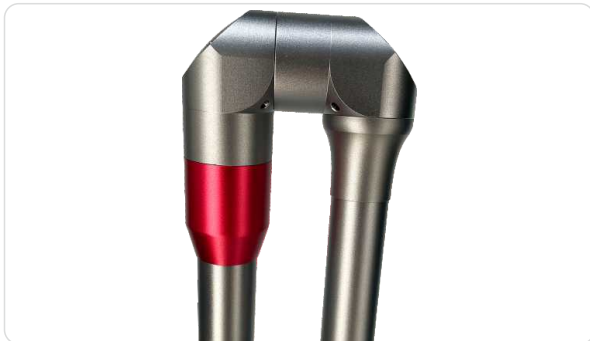
Surface finish: Sandblasted & Anodized

Gross weight: 4.52 kg (Including package)

Package dimension: 72*24*12 cm



Product Details



Color Display (Customizable Appearance Colors)



Gold



Iron Gray / Red



Silver

CO2-SDY200

CO2 Articulated Arms

Front connector: Internal thread M17×0.75, Depth: 6 mm

Extended length: 1188 mm (Short) / 1303 mm (Long) (Excluding handpiece)

Wavelength: 10.6 μm , 650 nm

Beam deviation: ± 0.7

Number of joints: 7

Mirror size: $\Phi 25 \times 3$, $\Phi 20 \times 3$

Aperture diameter: $\Phi 12$ mm

Single mirror reflectivity: $\geq 99.5\%$ @ 10.6 μm

Cutting head focal length: $F=100$ mm

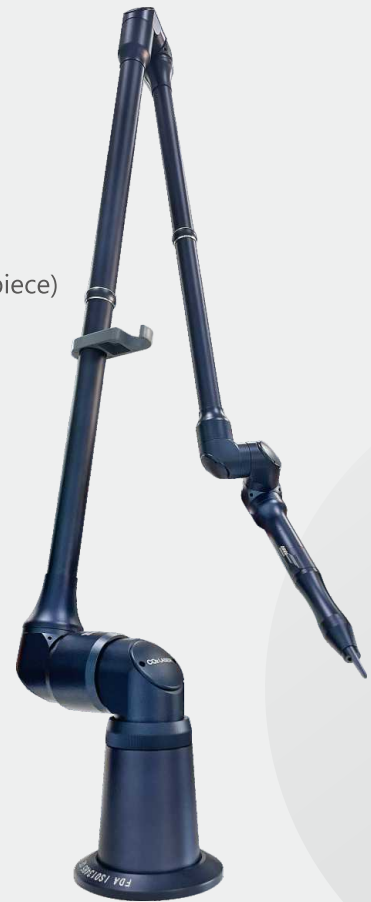
Transmission efficiency: $\geq 85\%$ @ 10.6 μm

Housing material: AL6063

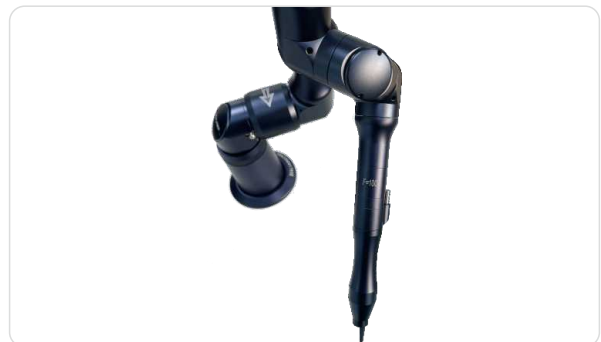
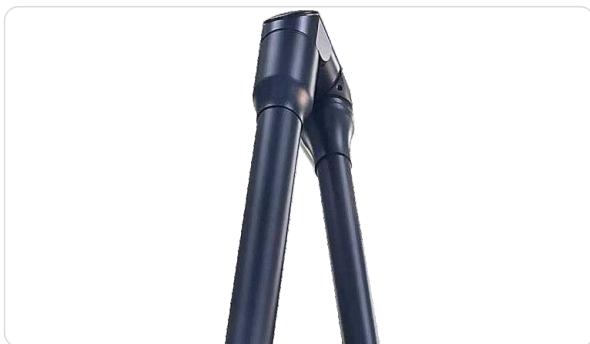
Surface finish: Sandblasted & Anodized

Gross weight: 5.3 kg (Short) / 5.5 kg (Long) (Including package)

Package dimension: 67*24*15 cm (Short) / 75*24*15 cm (Long)



Product Details



Color Display (Customizable Appearance Colors)



Gray



Gray / Red



Gray / Blue



Silver / Red



Silver / Blue



Silver / Gold



Dark Blue



Royal Blue

CO2-SDY201

CO2 Articulated Arms

Front connector: Internal thread M17×0.75, Depth: 6 mm

Extended length: 1268 mm (Short) / 1303 mm (Long) (Excluding handpiece)

Wavelength: 10.6 μm , 650 nm

Beam deviation: ± 0.7

Number of joints: 7

Mirror size: $\Phi 25 \times 3$, $\Phi 20 \times 3$

Aperture diameter: $\Phi 12$ mm

Single mirror reflectivity: $\geq 99.5\%$ @ 10.6 μm

Cutting head focal length: $F=100$ mm

Transmission efficiency: $\geq 85\%$ @ 10.6 μm

Housing material: AL6063

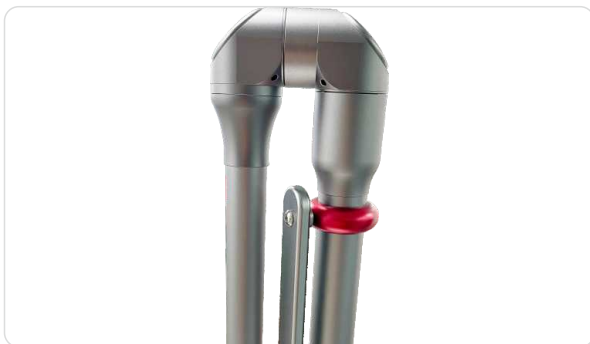
Surface finish: Sandblasted & Anodized

Gross weight: 5.65 kg (Short) / 5.69 kg (Long) (Including package)

Package dimension: 75*24*15 cm



Product Details



Color Display (Customizable Appearance Colors)



Gray



Gray / Red



Gray / Blue



Black

CO2-SDY300

CO2 Articulated Arms

Front connector: Internal thread M17×0.75, Depth 6 mm /

M22×1.5, Depth 10 mm

Extended length: 1485 mm (Excluding handpiece)

Wavelength: 10.6 μm , 650 nm

Beam deviation: ± 0.7

Number of joints: 7

Mirror size: $\Phi 25 \times 3$, $\Phi 20 \times 3$

Aperture diameter: $\Phi 14$ mm

Single mirror reflectivity: $\geq 99.5\%$ @ 10.6 μm

Cutting head focal length: $F=100$ mm

Transmission efficiency: $\geq 85\%$ @ 10.6 μm

Housing material: AL6063

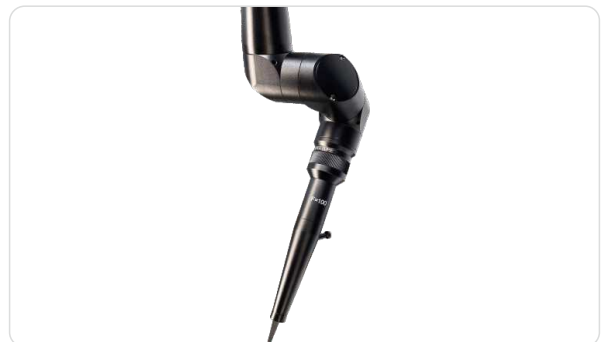
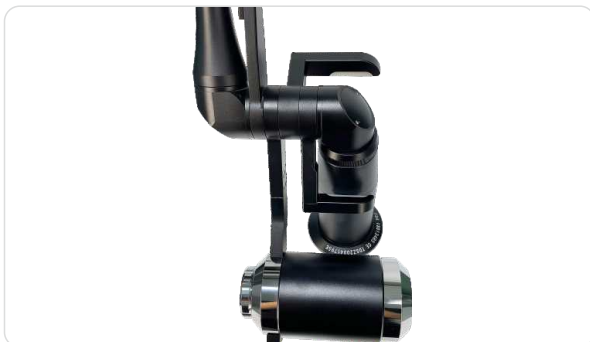
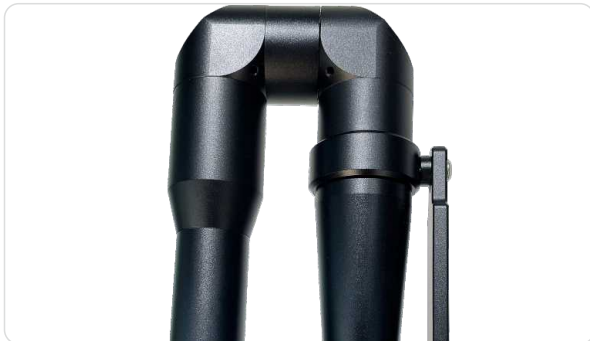
Surface finish: Sandblasted & Anodized

Gross weight: 11.55 kg (Including package)

Package dimension: 80*28*14 cm



Product Details



Color Display (Customizable Appearance Colors)



Black



Silver / Black



Light Purple / Gold



Purple / Red

SDY-CO2-301

CO2 Articulated Arms

Front connector: Internal thread M17×0.75, Depth 6 mm /

M22×1.5, Depth 10 mm

Extended length: 1485 mm (Excluding handpiece)

Wavelength: 10.6 μm , 650 nm

Beam deviation: ± 0.7

Number of joints: 7

Mirror size: $\Phi 25 \times 3$, $\Phi 20 \times 3$

Aperture diameter: $\Phi 14$ mm

Single mirror reflectivity: $\geq 99.5\%$ @ 10.6 μm

Cutting head focal length: $F=100$ mm

Transmission efficiency: $\geq 85\%$ @ 10.6 μm

Housing material: AL6063

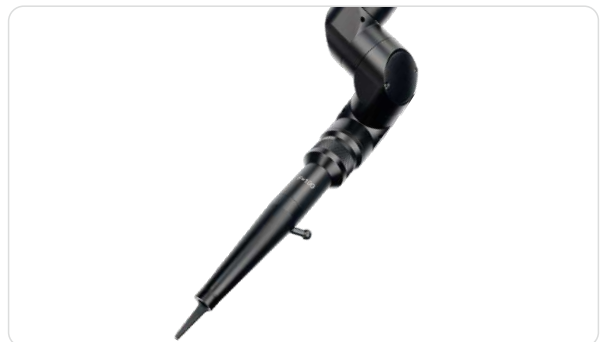
Surface finish: Sandblasted & Anodized

Gross weight: 11.55 kg (Including package)

Package dimension: 80*28*14 cm



Product Details



CO2-SDY400

CO2 Articulated Arms

Front connector: Internal thread M17×0.75, Depth 6 mm /

M22×1.5, Depth 10 mm

Extended length: 1425 mm (Excluding handpiece)

Wavelength: 10.6 μm , 650 nm

Beam deviation: ± 0.7

Number of joints: 7

Mirror size: $\Phi 25 \times 3$, $\Phi 20 \times 3$

Aperture diameter: $\Phi 12$ mm

Single mirror reflectivity: $\geq 99.5\%$ @ 10.6 μm

Cutting head focal length: $F=100$ mm

Transmission efficiency: $\geq 85\%$ @ 10.6 μm

Housing material: AL6063

Surface finish: Sandblasted & Anodized

Gross weight: 8.56 kg (Including package)

Package dimension: 87*34*14 cm



Product Details



Color Display (Customizable Appearance Colors)



Silver / Gold



Silver / Dark Blue



Silver / Star Gray



Black

CO2-SDY500

CO2 Articulated Arms

Front connector: Internal thread M17×0.75, Depth: 6 mm

Extended length: 1300 mm (Excluding handpiece)

Wavelength: 10.6 μm, 650 nm

Beam deviation: ±0.7

Number of joints: 7

Mirror size: Φ25*3, Φ20*3

Aperture diameter: Φ12 mm

Single mirror reflectivity: ≥99.5% @ 10.6 μm

Cutting head focal length: F=100 mm

Transmission efficiency: ≥85% @ 10.6 μm

Housing material: AL6063

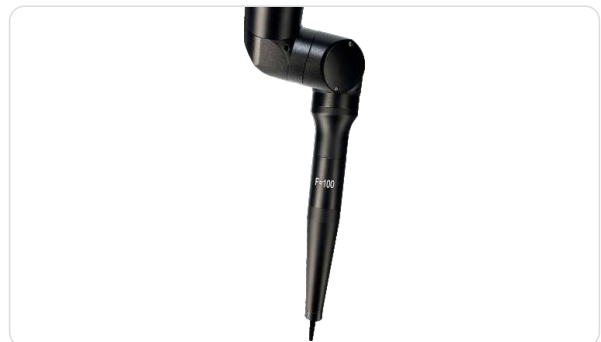
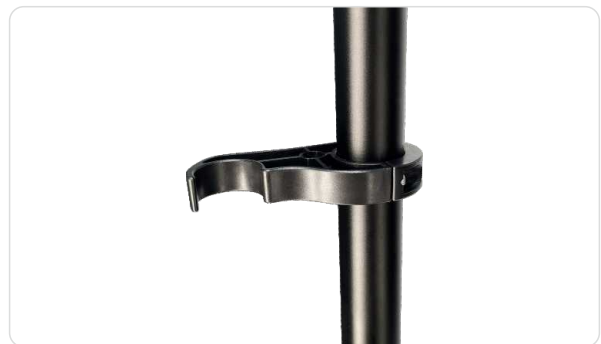
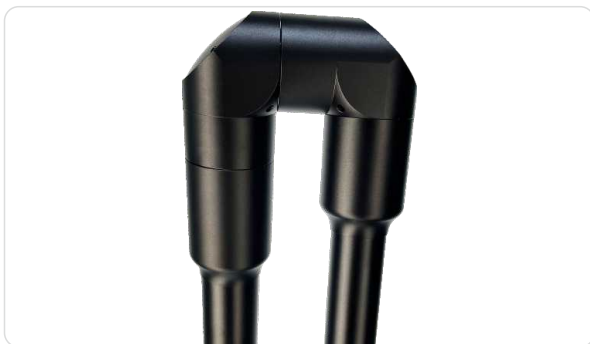
Surface finish: Sandblasted & Anodized

Gross weight: 5.02 kg (Including package)

Package dimension: 72*24*12 cm



Product Details



CO2-SDY601

CO2 Articulated Arms

Front connector: Internal thread M17×0.75, Depth: 6 mm

Extended length: 1380 mm (Excluding handpiece)

Wavelength: 10.6 μm , 650 nm

Beam deviation: ± 0.7

Number of joints: 7

Mirror size: $\Phi 25 \times 3$, $\Phi 20 \times 3$

Aperture diameter: $\Phi 12$ mm

Single mirror reflectivity: $\geq 99.5\%$ @ 10.6 μm

Cutting head focal length: $F=100$ mm

Transmission efficiency: $\geq 85\%$ @ 10.6 μm

Housing material: AL6063

Surface finish: Sandblasted & Anodized

Gross weight: 11.74 kg (Including package)

Package dimension: 83*28*16 cm



Product Details



Color Display (Customizable Appearance Colors)



Iron Gray



Iron Gray / Purple



Dark Gray / Black

CO2-SDY602

CO2 Articulated Arms

Front connector: Internal thread M17×0.75, Depth: 6 mm

Extended length: 1362 mm (Excluding handpiece)

Wavelength: 10.6 μm , 650 nm

Beam deviation: ± 0.7

Number of joints: 7

Mirror size: $\Phi 25 \times 3$, $\Phi 20 \times 3$

Aperture diameter: $\Phi 12$ mm

Single mirror reflectivity: $\geq 99.5\%$ @ 10.6 μm

Cutting head focal length: $F=100$ mm

Transmission efficiency: $\geq 85\%$ @ 10.6 μm

Housing material: AL6063

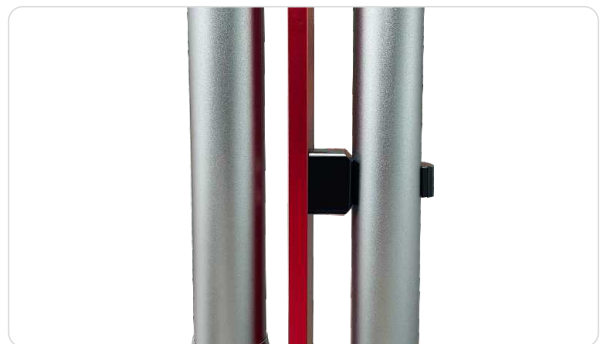
Surface finish: Sandblasted & Anodized

Gross weight: 11.54 kg (Including package)

Package dimension: 83*28*16 cm



Product Details



Color Display (Customizable Appearance Colors)



Iron Gray



Iron Gray / Red



Black



Black / Red

CO2-SDY603

CO2 Articulated Arms

Front connector: Internal thread M17×0.75, Depth: 6 mm

Extended length: 1382 mm (Excluding handpiece)

Wavelength: 10.6 μm , 650 nm

Beam deviation: ± 0.7

Number of joints: 7

Mirror size: $\Phi 25 \times 3$, $\Phi 20 \times 3$

Aperture diameter: $\Phi 12$ mm

Single mirror reflectivity: $\geq 99.5\%$ @ 10.6 μm

Cutting head focal length: $F=100$ mm

Transmission efficiency: $\geq 85\%$ @ 10.6 μm

Housing material: AL6063

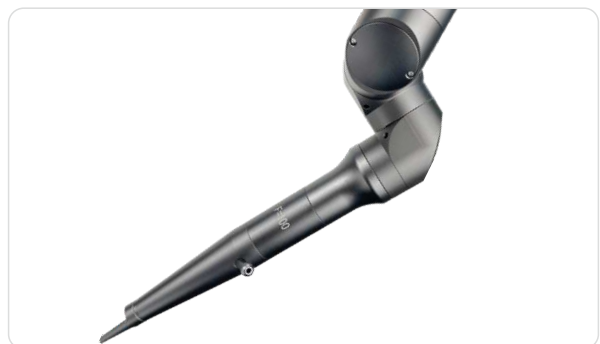
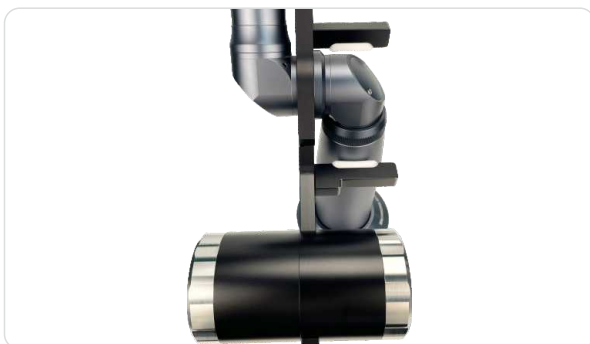
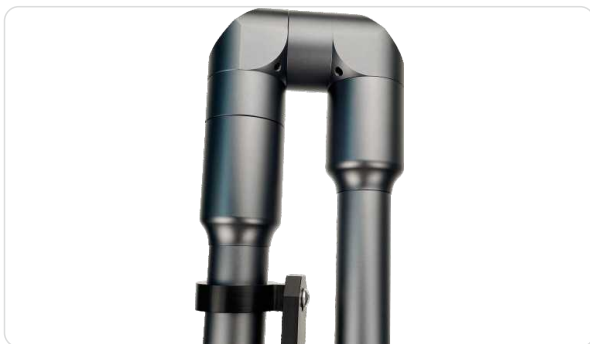
Surface finish: Sandblasted & Anodized

Gross weight: 11.74 kg (Including package)

Package dimension: 83*28*16 cm



Product Details



Color Display (Customizable Appearance Colors)



Iron Gray / Black



Black

CO2-SDY700

CO2 Articulated Arms

Front connector: Internal thread M17×0.75, Depth 6 mm /

M22×1.5, Depth 10 mm

Extended length: 1448 mm (Excluding handpiece)

Wavelength: 10.6 μm , 650 nm

Beam deviation: ± 0.7

Number of joints: 7

Mirror size: $\Phi 25 \times 3$, $\Phi 20 \times 3$

Aperture diameter: $\Phi 12$ mm

Single mirror reflectivity: $\geq 99.5\%$ @ 10.6 μm

Cutting head focal length: $F=100$ mm

Transmission efficiency: $\geq 85\%$ @ 10.6 μm

Housing material: AL6063

Surface finish: Sandblasted & Anodized

Gross weight: 5.02 kg (Including package)

Package dimension: 72*24*12 cm



Product Details



YAG-SDY100

Q-switched / Picosecond ND:YAG Articulated Arm

Front connector: Internal thread M22×1.5, Depth 10 mm

Extended length: 1377 mm (Excluding handpiece)

Wavelength: 1064 nm, 532 nm

Beam deviation: ± 0.5

Number of joints: 7

Mirror size: $\Phi 25 \times 3$

Aperture diameter: $\Phi 14$ mm

Single mirror reflectivity: $\geq 99.5\%$ @ 1064 nm, $\geq 99.5\%$ @ 532 nm

Spot size: 2~10 mm

Transmission efficiency: $\geq 85\%$ @ 1064 nm, $\geq 85\%$ @ 532 nm

Housing material: AL6063

Surface finish: Sandblasted & Anodized

Gross weight: 6.3 kg (Including package)

Package dimension: 80*28*14 cm



Product Details



Color Display (Customizable Appearance Colors)



Silver



Iron Gray / Red



Light Purple / Blue

YAG-SDY101

Q-switched / Picosecond ND:YAG Articulated Arm

Front connector: Internal thread M22×1.5, Depth 10 mm

Extended length: 1415 mm (Excluding handpiece)

Wavelength: 1064 nm, 532 nm

Beam deviation: ± 0.5

Number of joints: 7

Mirror size: $\Phi 25 \times 3$

Aperture diameter: $\Phi 14$ mm

Single mirror reflectivity: $\geq 99.5\%$ @ 1064 nm, $\geq 99.5\%$ @ 532 nm

Spot size: 2~10 mm

Transmission efficiency: $\geq 85\%$ @ 1064 nm, $\geq 85\%$ @ 532 nm

Housing material: AL6063

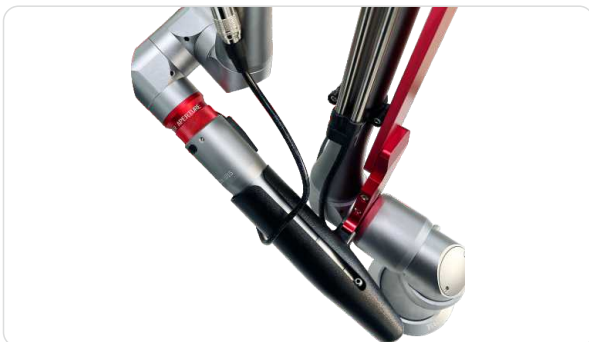
Surface finish: Sandblasted & Anodized

Gross weight: 6.4 kg (Including package)

Package dimension: 80*28*14 cm



Product Details



Color Display (Customizable Appearance Colors)



Iron Gray / Red



Light Purple / Blue

SDY-YAG-200

Q-switched / Picosecond ND:YAG Articulated Arm

Front connector: Internal thread M22×1.5, Depth 10 mm

Extended length: 1463 mm (Excluding handpiece)

Wavelength: 1064 nm, 532 nm

Beam deviation: ± 0.5

Number of joints: 7

Mirror size: $\Phi 25 \times 3$

Aperture diameter: $\Phi 14$ mm

Single mirror reflectivity: $\geq 99.5\%$ @ 1064 nm, $\geq 99.5\%$ @ 532 nm

Spot size: 2~10 mm

Transmission efficiency: $\geq 85\%$ @ 1064 nm,
 $\geq 85\%$ @ 532 nm

Housing material: AL6063

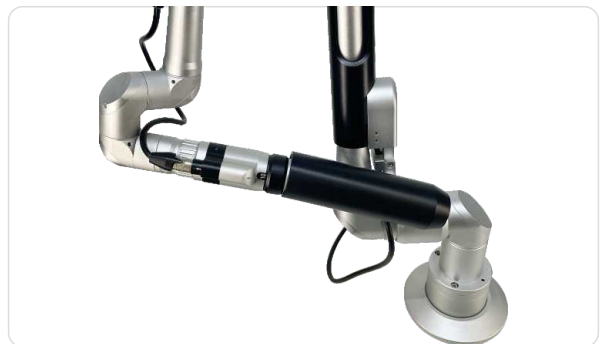
Surface finish: Sandblasted & Anodized

Gross weight: 4.98 kg (Including package)

Package dimension: 87*35*12 cm



Product Details



Color Display (Customizable Appearance Colors)



Silver / Black



Silver

YAG-SDY300

Q-switched / Picosecond ND:YAG Articulated Arm

Front connector: Internal thread M22×1.5, Depth 10 mm

Extended length: 1670 mm (Excluding handpiece)

Wavelength: 1064 nm, 532 nm

Beam deviation: ± 0.5

Number of joints: 7

Mirror size: $\Phi 25 \times 3$

Aperture diameter: $\Phi 15$ mm

Single mirror reflectivity: $\geq 99.5\%$ @ 1064 nm, $\geq 99.5\%$ @ 532 nm

Spot size: 2~10 mm

Transmission efficiency: $\geq 85\%$ @ 1064 nm,
 $\geq 85\%$ @ 532 nm

Housing material: AL6063

Surface finish: Sandblasted & Anodized

Gross weight: 11.5 kg (Including package)

Package dimension: 102*36*14 cm



Product Details



Color Display (Customizable Appearance Colors)



Silver / Star Gray



Silver



Silver / Gold



Silver / Red



Silver / Blue

YAG-SDY400

Q-switched / Picosecond ND:YAG Articulated Arm

Front connector: Internal thread M22×1.5, Depth 10 mm

Extended length: 1495 mm (Excluding handpiece)

Wavelength: 1064 nm, 532 nm

Beam deviation: ± 0.5

Number of joints: 7

Mirror size: $\Phi 25 \times 3$

Aperture diameter: $\Phi 14$ mm

Single mirror reflectivity: $\geq 99.5\%$ @ 1064 nm, $\geq 99.5\%$ @ 532 nm

Spot size: 2~10 mm

Transmission efficiency: $\geq 85\%$ @ 1064 nm, $\geq 85\%$ @ 532 nm

Housing material: AL6063

Surface finish: Sandblasted & Anodized

Gross weight: 6.82 kg (Including package)

Package dimension: 92*26*15 cm



Product Details



YAG-SDY500

Q-switched / Picosecond ND:YAG Articulated Arm

Front connector: Internal thread M22×1.5, Depth 10 mm

Extended length: 1670 mm (Excluding handpiece)

Wavelength: 1064 nm, 532 nm

Beam deviation: ± 0.5

Number of joints: 7

Mirror size: $\Phi 25 \times 3.5$

Aperture diameter: $\Phi 15$ mm

Single mirror reflectivity: $\geq 99.5\%$ @ 1064 nm, $\geq 99.5\%$ @ 532 nm

Spot size: 2~10 mm

Transmission efficiency: $\geq 85\%$ @ 1064 nm,
 $\geq 85\%$ @ 532 nm

Housing material: AL6063

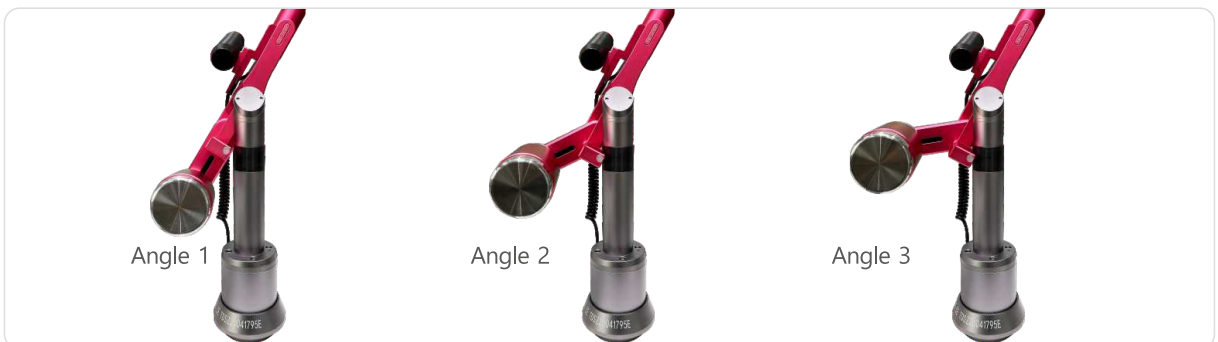
Surface finish: Sandblasted & Anodized

Gross weight: 11.59 kg (Including package)

Package dimension: 104*36*14 cm



Product Details



Color Display (Customizable Appearance Colors)



Medical Gray / Rose Red



Iron Gray / Red



Dark Purple / Rose Red



Silver / Blue



Silver / Black



Silver / Gold



Pink / Gold



Silver



Black

YAG-SDY600

Q-switched / Picosecond ND:YAG Articulated Arm

Front connector: Internal thread M22×1.5, Depth 10 mm

Extended length: 1462 mm (Excluding handpiece)

Wavelength: 1064 nm, 532 nm

Beam deviation: ± 0.5

Number of joints: 7

Mirror size: $\Phi 25 \times 3$

Aperture diameter: $\Phi 14$ mm

Single mirror reflectivity: $\geq 99.5\%$ @ 1064 nm, $\geq 99.5\%$ @ 532 nm

Spot size: 2~10 mm

Transmission efficiency: $\geq 85\%$ @ 1064 nm,
 $\geq 85\%$ @ 532 nm

Housing material: AL6063

Surface finish: Sandblasted & Anodized

Gross weight: 10.4 kg (Including package)

Package dimension: 83*29*16 cm



Product Details



Color Display (Customizable Appearance Colors)



Silver / Star Gray



Silver / Black



Silver / Gold



Silver / Red

YAG-SDY800

Q-switched / Picosecond ND:YAG Articulated Arm

Front connector: Internal thread M22×1.5, Depth 10 mm

Extended length: 1670 mm (Excluding handpiece)

Wavelength: 1064 nm, 532 nm

Beam deviation: ± 0.5

Number of joints: 7

Mirror size: $\Phi 25 \times 3.5$

Aperture diameter: $\Phi 15$ mm

Single mirror reflectivity: $\geq 99.5\%$ @ 1064 nm, $\geq 99.5\%$ @ 532 nm

Spot size: 2~10 mm

Transmission efficiency: $\geq 85\%$ @ 1064 nm,
 $\geq 85\%$ @ 532 nm

Housing material: AL6063

Surface finish: Sandblasted & Anodized

Gross weight: 10.7 kg (Including package)

Package dimension: 104*36*14 cm



Product Details



Color Display (Customizable Appearance Colors)



Silver / Light Pink



Silver / Light Gray

YAG-SDY-PIV

PIV Articulated Arms

Front connector: Internal thread M23×1.5, 4 - start thread

Extended length: 1.8 m / 1.6 m (Excluding handpiece)

Wavelength: 532 nm

Beam deviation: ± 0.7 mm

Number of joints: 7

Mirror size: $\Phi 25 \times 3$

Aperture diameter: $\Phi 14$ mm

Single mirror reflectivity: $>99.5\%$ @ 527 nm ~ 534 nm

Laser mirror damage Threshold: >5 J/cm² @ 527 nm, 150 ns, 1 kHz

>5 J/cm² @ 532 nm, 150 ns, 1 kHz

Transmission efficiency: $>90\%$ @ 527 nm ~ 534 nm

Support type: Torsion spring type

Housing material: AL6063

Surface finish: Sandblasted & Anodized



Applications

The PIV articulated arm is primarily utilized in Particle Image Velocimetry (PIV) systems to deliver laser beams and establish proper illumination optical paths for measurements.

Laser Processing Sector: In laser cutting operations, it transmits laser beams to the cutting head for cutting automotive components, white goods, non-metallic materials and other workpieces.

Medical Aesthetic Sector: For aesthetic treatments including laser spot removal, tattoo removal, skin rejuvenation and skin tightening, the articulated arm precisely directs laser energy onto the skin surface to stimulate collagen proliferation.

Other Scientific Research Applications: In Raman spectroscopic analysis, it guides laser light to irradiate samples and generates Raman scattering, which is utilized for analyzing material composition and structure.

Product Details



HANDPIECE



SDYCO201

CO2 Cutting Handpiece A

Handpiece Connector: External thread M17×0.75, depth 6 mm

Length: 123 mm

Wavelength: 10.6 μm , 650 nm

Focal Length: F=100 mm

Exterior Material: AL6063 Aluminum Alloy

Surface Finish: Sandblasted & Anodized

Compatible With: CO2 Laser Delivery Arm



SDYCO202A / B / C / D

(One of Four Options) CO2 Cutting Handpiece B

Handpiece Connector: External thread M17×0.75,
depth 6 mm / External thread M22×1.5, depth 9 mm

Length: 138 mm / 146 mm

Wavelength: 10.6 μm , 650 nm

Focal Length: F=100 mm / F=50 mm (Optional)

Exterior Material: AL6063 Aluminum Alloy

Surface Finish: Sandblasted & Anodized

Compatible With: CO2 Laser Delivery Arm



F50 F100 F50 F100
SDYCO202A SDYCO202B SDYCO202C SDYCO202D

SDY-CO2-BJ01

CO2 Zoom Handpiece

Handpiece Connector: External thread M17×0.75, depth 5 mm

Spot Size: 0.5~1.8 mm

Gear Adjustment: 1 to 5 Adjustable Levels

Length: 152.67 mm

Wavelength: 10.6 μm , 650 nm

Focal Length Switching: F75 / F100

Exterior Material: AL6063 Aluminum Alloy

Surface Finish: Sandblasted & Anodized

Compatible With: CO2 Laser Delivery Arm



Adjust Spot Size via
Left & Right Rotation



SDY-CO2-DH01

CO2 Snoring Treatment Handpiece

Handpiece Connector: External thread M17×0.75, depth 6 mm

Length: 138 mm

Wavelength: 10.6 μm , 650 nm

Exterior Material: AL6063 Aluminum Alloy

Surface Finish: Sandblasted & Anodized

Compatible With: CO2 Laser Delivery Arm



SDY-CO2-CW01

CO2 Veterinary Handpiece

Handpiece Connector: External thread M17×0.75, depth 6 mm

Length: 112 mm / 122.7 mm

Cutting Tips: 6 Selectable Tips

Wavelength: 10.6 μm , 650 nm

Focal Length: F=100 mm

Exterior Material: AL6063 Aluminum Alloy

Surface Finish: Sandblasted & Anodized

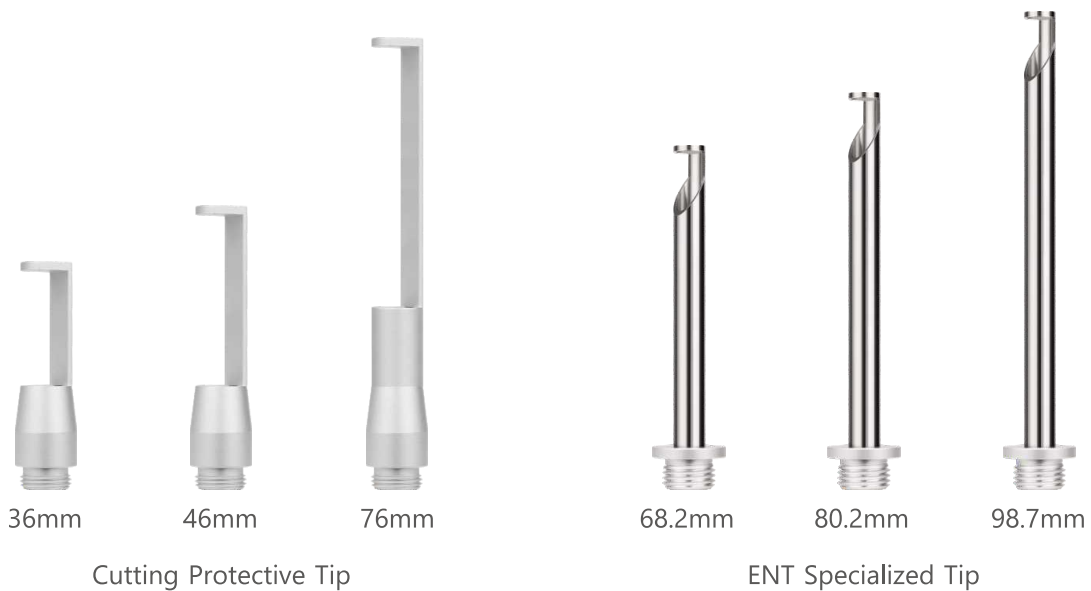
Compatible With: CO2 Laser Delivery Arm



F100 Cutting
Handpiece

ENT Specialized
Handpiece

Optional



SDY-CO2-YK02

CO2 Dental Handpiece 02

Handpiece Connector: External thread M17×0.75, depth 5 mm

Length: 149.15 mm

Cutting Probe: 3 Interchangeable Cutting Tips

Wavelength: 10.6 μm, 650 nm

Exterior Material: AL6063 Aluminum Alloy

Surface Finish: Sandblasted & Anodized

Compatible With: CO2 Laser Delivery Arm



CO2-SM001

First-Generation Intimate Handpiece

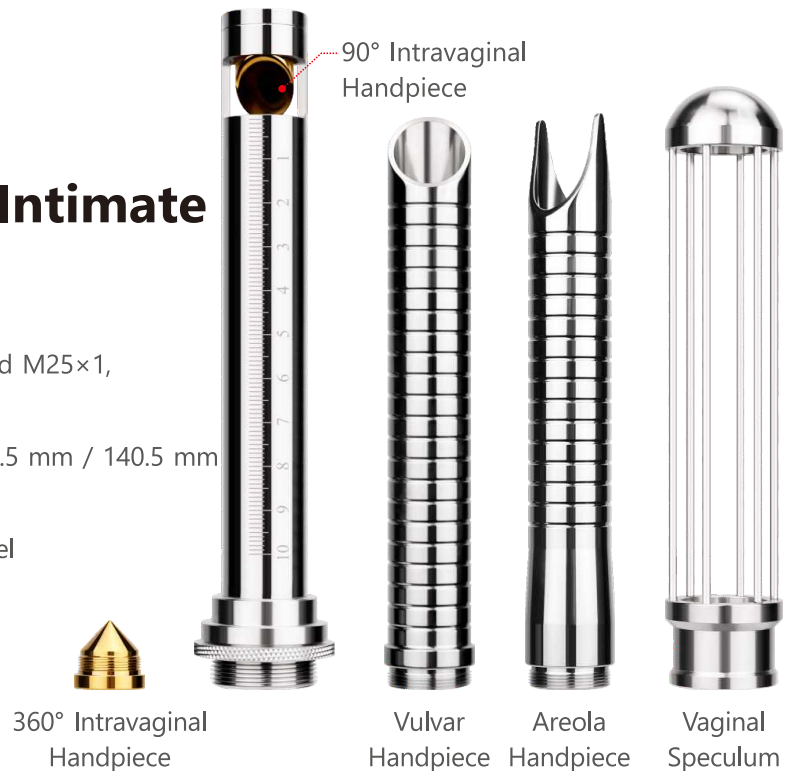
Handpiece Connector: External thread M25×1, depth 6 mm

Length: 137.5 mm / 132.5 mm / 133.5 mm / 140.5 mm

Wavelength: 10.6 μm, 650 nm

Outer Material: SUS304 Stainless Steel

Surface Finishing: Electropolishing



CO2-SM002

Second-Generation Intimate Handpiece

Handpiece Connector: External thread M21×1, depth 7 mm /

External thread M21×0.75, depth 7 mm

Length: 157 mm

Wavelength: 10.6 μm, 650 nm

Intimate Protective Sleeve: Single-use Sterile Packaged

Exterior Material: AL6063 Aluminum Alloy

Surface Finish: Sandblasted & Anodized



CO2-SM003

Third-Generation Pixel Intimate Handpiece

Handpiece Connector: External thread M17×0.75, depth 6 mm

Length: 238 mm

Wavelength: 10.6 μm, 650 nm

Intimate Protective Sleeve: Single-use Sterile Packaged

Exterior Material: AL6063 Aluminum Alloy

Surface Finish: Sandblasted & Anodized



SDY2940

2940 Fractional Handpiece

Handpiece Connector: External thread M22×1.5, depth 6 mm

Length: 134.5 mm

Wavelength: 2940 nm

Total Spots: 81 Spots

Spot Size: 9 × 9 mm

Exterior Material: AL6063 Aluminum Alloy

Surface Finish: Sandblasted & Anodized

Compatible With: 2940 Laser Delivery Arm



SDYYAG01 / SDYYAG02

Honeycomb Handpiece

Handpiece Connector: External thread M22×1.5, depth 10 mm /

External thread M22×1.5, depth 6 mm

Length: 169 mm / 150 mm

Wavelength: 1064 nm / 532 nm / 755 nm

Spot Size: 2~10 mm

Exterior Material: AL6063 Aluminum Alloy

Surface Finish: Sandblasted & Anodized

Compatible With: Nd:YAG Laser Delivery Arm



SDYYAG02



SDYYAG01

SDYYAG-A1

Nd:YAG Adjustable Handpiece A

Handpiece Connector: External thread M22×1.5, depth 8 mm

Length: 191.9 mm

Wavelength: 1064 nm / 532 nm

Spot Size: 2~10 mm

Signal Type: Digital

Exterior Material: AL6063 Aluminum Alloy

Surface Finish: Sandblasted & Anodized

Compatible With: Nd:YAG Laser Delivery Arm



Adjust Spot Size
by Pull-Down and Rotation



SDYYAG-B2

Nd:YAG Adjustable Handpiece B

Handpiece Connector: External thread M22×1.5, depth 8 mm

Length: 202.38 mm

Wavelength: 1064 nm / 532 nm

Spot Size: 2~10 mm

Signal Type: Digital

Exterior Material: AL6063 Aluminum Alloy

Surface Finish: Sandblasted & Anodized

Compatible With: Nd:YAG Laser Delivery Arm



Adjust Spot Size
by Push-Up and Rotation



SDYYAG-C3

Nd:YAG Adjustable Handpiece C

Handpiece Connector: External thread M22×1.5, depth 8 mm

Length: 202.38 mm

Wavelength: 1064 nm / 532 nm

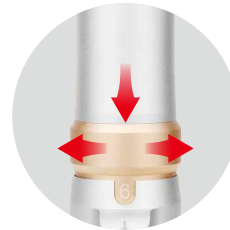
Spot Size: 2~10 mm

Signal Type: Digital

Exterior Material: AL6063 Aluminum Alloy

Surface Finish: Sandblasted & Anodized

Compatible With: Nd:YAG Laser Delivery Arm



Adjust Spot Size
by Pull-Down and Rotation



SDYYAG-D4

Nd:YAG Adjustable Handpiece D

Handpiece Connector: External thread M22×1.5, depth 8 mm

Length: 182 mm

Wavelength: 1064 nm / 532 nm

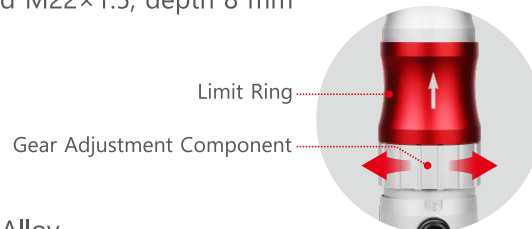
Spot Size: 2~10 mm

Signal Type: Digital

Exterior Material: AL6063 Aluminum Alloy

Surface Finish: Sandblasted & Anodized

Compatible With: Nd:YAG Laser Delivery Arm



Push up the limit ring, rotate the
gear adjustment component to
adjust the spot size



SDYYAG04

Triple Wavelength Handpiece B

Handpiece Connector: External thread M22×1.5, depth 8 mm

Length: 200 mm

Input Wavelength:

Square Fractional Handpiece: 1064 nm

Circular Honeycomb Handpiece: 1064 nm / 532 nm

Carbon peeling handpiece: 1064 nm / 532 nm

Exterior Material: AL6063 Aluminum Alloy

Surface Finish: Sandblasted & Anodized

Compatible With: Nd:YAG Laser Delivery Arm



Square Fractional Handpiece



Circular Honeycomb Handpiece



Carbon Peeling Handpiece

SDYYAG05

Dual Wavelength Handpiece A

Handpiece Connector: External thread M22×1.5, depth 8 mm

Length: 191.5 mm

Input Wavelength:

Circular Honeycomb Handpiece: 1064 nm / 532 nm

Square Fractional Handpiece: 1064 nm

Exterior Material: AL6063 Aluminum Alloy

Surface Finish: Sandblasted & Anodized

Compatible With: Nd:YAG Laser Delivery Arm



Circular Honeycomb Handpiece



Square Fractional Handpiece

SDYYAG05

Dual Wavelength Handpiece C

Handpiece Connector: External thread M22×1.5, depth 8 mm

Length: 201 mm

Input Wavelength:

Circular Honeycomb Handpiece: 1064 nm / 532 nm

Square Fractional Handpiece: 1064 nm

Exterior Material: AL6063 Aluminum Alloy

Surface Finish: Sandblasted & Anodized

Compatible With: Nd:YAG Laser Delivery Arm



Circular Honeycomb
Handpiece



Square Fractional
Handpiece

SDYYAG06

Dye Handpiece

Handpiece Connector: External thread M22×1.5, depth 8 mm

Length: 181.2 mm

Input Wavelength: 532 nm

Output Wavelength: 650 nm / 585 nm

Exterior Material: AL6063 Aluminum Alloy

Surface Finish: Sandblasted & Anodized

Compatible With: Nd:YAG Laser Delivery Arm





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