

**QC-301**  
**Manual Wrap Reel**  
**QC-302A**  
**Motor Wrap Reel**

## Standard

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ASTM D1059/1907/2260 ISO 7211/2060, BS-2010

## Description

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By manual or motor-driven with speed 30-300RPM, revolving the winder at a set circumference, wind the yarn prepared for certain rounds and length in order to obtain yarn' s lea strength and after balance weighing to calculate yarn counts.

## Industry

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Textile

## Appearance

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QC-301



QC-302A

## Specification

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Model	QC-301	QC-302A
Reel Winding number	4	6
Rotate speed	Manual control	30-300 R.P.M.
Circumference	1meter/turn or 1.5yard/turn	1meter/turn 1.5yard/turn (optional)
Counter	0~9,999 times Read circles directly	5~99,999 times Set auto stop
Power	NA	Single phase 110V or 220V
Dimension	80 × 43 × 65 cm	75 × 68 × 65 cm
Weight	38 kg	50kg

## Related products

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QC-309 Motor Twist Counter for yarn

## Related tests

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(A) Yarn measurement: measure yarn weight with balance (with minimum reading:

0.01g)

(1) Denier (D): One Denier represents 9000m yarn in length weight 1g.

(2) Tex: Each 1000m length divides by weight (g).

(B) Lea Strength:

(1) 80 circles that equals 120yard is one LEA.

(2) Definition of Lea Strength: Test yarn strength with tensile testing machine by gripping yarn with dia. 2.54 cylinders and pull yarn at speed  $304.8 \pm 12.7$ mm/min until it break.

\*Cometech reserves ultimate modification right of product specification.



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