

# SIGNATURE SERIES PISTOL GRIP TOOLS



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Simple to use, yet sophisticated in performance, the AIMCO Signature Series Pistol Tools give the operator the performance needed to meet the demands of today's cordless applications.

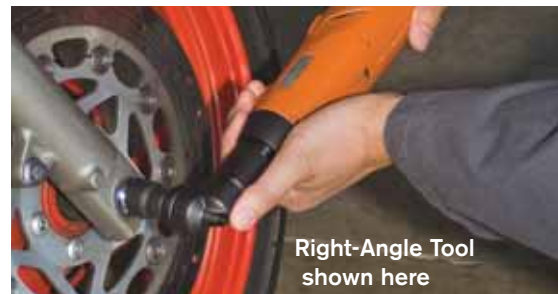
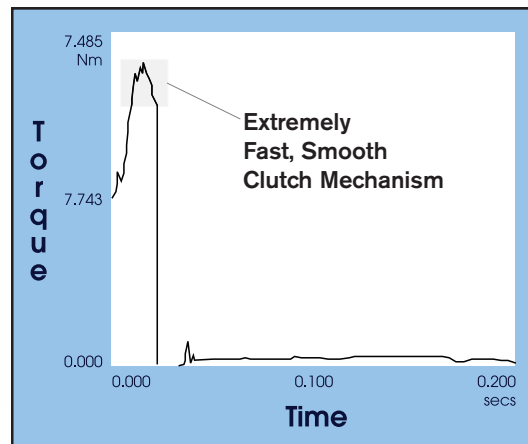
The pistol grip tools feature an ergonomic handle providing the operator with perfect balance as they use the tool. These tools allow for fastening in tight locations at torques up to 9 ft-lbs (12 Nm). With a wide range of torque outputs and speeds, the Signature Series Precision Cordless Tools provide the solution that is right for your specific application.

## SIGNATURE SERIES QUICK RELEASE CLUTCH

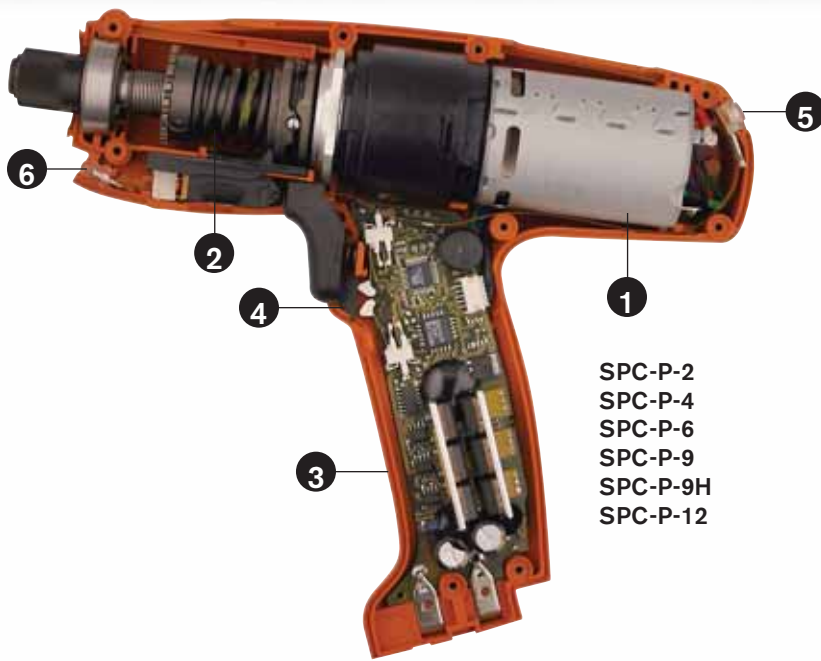
The Signature Series Tools feature a patented, quick releasing clutch that delivers accuracy across multiple joint types. Each clutch assembly is constructed of precisely machined parts to ensure, not only accuracy, but durability over the lifespan of the tool. In addition to tight tolerances, the driving anvil of each tool is well supported to ensure that torque is sensed by the clutch versus side loads or run-out of the rotating components.

Whether your application is soft materials, such as plastics and gasket products, or harder materials, such as direct metal to metal contact, the Signature Series Clutch will deliver the accuracy you need.

Typical Torque Graph of the Signature Series Precision Cordless Tools



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SPC-P-2  
SPC-P-4  
SPC-P-6  
SPC-P-9  
SPC-P-9H  
SPC-P-12



## 1 High Durability - No Maintenance Motors

Signature Series Tools utilize a state of the art, brushless, sealed motor that requires no maintenance. In addition to a lifespan that easily exceeds 1 million cycles, the efficiency of the Signature Series Motor provides longer battery life.

## 2 Precision Clutch for Torque Accuracy

Meets ISO 5393 CMK>2.0 at +/- 10% tolerance. A wide variety of torque ranges and speeds ensures that the most accurate tool will be applied to the job.

## 3 Low Battery Lock

Signature Series Tools feature a Low Battery Lock that disables the tool when battery power is insufficient to provide the torque required by the application.

## 4 Restart Lock

The tool features a Restart Lock that discourages double hits on a recently completed joint. Once torque has been achieved, the trigger function is locked out for a period of 0.8 seconds.

## 5 LED Lights

Signature Series Tools feature LED lights that provide simple process information to the operator. Incomplete application of torque is indicated by a RED LED light and an audible indicator. A GREEN LED light lets the operator know that the precision clutch has shut the tool off at the preset torque amount. Battery capacity is monitored by the tool, a flashing RED LED light alerts the operator that the battery needs to be recharged.

## 6 Application Illumination

Continuous illumination of the work area is provided by the Signature Series Tool; helping operators working in poorly lit environments.

## 7 One Touch Reverse

Signature Series Tools are designed to always be ready for fastening. Should the operator need to reverse the rotation of the tool, a unique one touch button system is on board. Buttons are strategically located for both right and left handed operators. One touch of the button places the tool into reverse rotation. After one cycle of reverse (or 10 seconds) the tool automatically changes back into its forward mode ready for fastener installation.

## 8 Battery Life

A high efficiency motor ensures productivity between charges. Testing has shown that the 9.6V, 1250 mAh, NiCd battery, fully charged, is capable of performing 3,000 rundowns before recharging is required.

## 9 Battery Interface

Signature Series Tools feature a precise, slide-lock interface between tool and battery, providing a secure connection that withstands the rigors of an industrial environment.

\*As tested on tools set to their mid-range, run on a UFT Joint Simulator, set to a "B" joint of 140-180 degrees from snug and a 1-1.5 second free run prior to tightening.

| MODEL        | TORQUE RANGE |            | IDLE SPEED<br>rpm | VOLTAGE | WEIGHT (inc. battery) |     | CHUCK<br>in | BATTERY<br>included |
|--------------|--------------|------------|-------------------|---------|-----------------------|-----|-------------|---------------------|
|              | ft - lb      | Nm         |                   |         | lb                    | kg  |             |                     |
| SPC-P-2      | 0.6 - 1.48   | 0.9 - 2.0  | 380               | 9.6V    | 2.8                   | 1.3 | 1/4 hex     | SPC-96-NC           |
| SPC-P-4      | 1.11 - 2.95  | 1.5 - 4.0  | 800               | 9.6V    | 2.8                   | 1.3 | 1/4 hex     | SPC-96-NC           |
| SPC-P-6      | 0.7 - 4.43   | 1.0 - 6.0  | 600               | 9.6V    | 2.8                   | 1.3 | 1/4 hex     | SPC-96-NC           |
| SPC-P-6SL    | 0.7 - 4.43   | 1.0 - 6.0  | 150               | 9.6V    | 2.8                   | 1.3 | 1/4 hex     | SPC-96-NC           |
| SPC-P-6-2ST* | 0.7 - 4.4    | 1.0 - 6.0  | 600               | 9.6V    | 3.0                   | 1.3 | 1/4 hex     | SPC-96-NC           |
| SPC-P-9      | 1.48 - 6.64  | 2.0 - 9.0  | 380               | 9.6V    | 2.8                   | 1.3 | 1/4 hex     | SPC-96-NC           |
| SPC-P-9H     | 1.48 - 6.64  | 2.0 - 9.0  | 590               | 12V     | 3.3                   | 1.5 | 1/4 hex     | SPC-12-NC           |
| SPC-P-12     | 2.22 - 8.85  | 3.0 - 12.0 | 460               | 12V     | 3.3                   | 1.5 | 1/4 hex     | SPC-12-NC           |

\*Second Step Speed: 55-155 rpm

# SIGNATURE SERIES RIGHT ANGLE TOOLS

## SIGNATURE SERIES RIGHT ANGLE NUTRUNNERS

Outstanding ergonomics, superior weight distribution, and long battery life are key features of the AIMCO Signature Series Right Angle Nutrunners.

These tools feature all the great benefits of the Signature Series Pistol Tools with the ability to deliver torques from 4.4 to 11.8 ft-lbs (6.0 Nm to 25 Nm). Torque reaction is minimized by the precision clutch that shuts off accurately and quickly.



SPC-A-16  
SPC-A-25



### 1 High Durability-No Maintenance Motors

Signature Series Tools utilize a state of the art, brushless, sealed motor that requires no maintenance. In addition to a lifespan that easily exceeds 1 million cycles, the efficiency of the Signature Series Motor provides longer battery life.

### 2 Precision Clutch for Torque Accuracy

Meets ISO 5393 CMK>2.0 at +/- 10% tolerance. A wide variety of torque ranges and speeds ensures that the most accurate tool can be applied to the job.

### 3 Low Battery Lock

Signature Series Tools feature a Low Battery Lock that disables the tool when battery power is insufficient to provide the torque required by the application.

### 4 Restart Lock

The tool features a Restart Lock discouraging double hits on a recently completed joint. Once torque has been achieved, the trigger function is locked out for a period of 0.8 seconds.

### 5 LED Lights

Signature Series Tools feature LED lights that provide simple process information to the operator. Incomplete application of torque is indicated by a RED LED light and an audible indicator. A GREEN LED light lets the operator know that the precision clutch has shut the tool off at the preset torque amount. Battery capacity is monitored by the tool and a flashing RED LED light alerts the operator that the battery needs to be recharged.

### 6 Application Illumination

Continuous illumination of the work area is provided by the Signature Series Tool; helping operators working in poorly lit environments.

### 7 One Touch Reverse

Signature Series Tools are designed to always be ready for fastening. Should the operator need to reverse the rotation of the tool, a unique one touch button system is on board. Buttons are strategically located for both right and left handed operators. One touch of the button places the tool into reverse rotation. After one cycle of reverse (or 10 seconds) the tool automatically changes back into its forward mode ready for fastener installation.

### 8 Battery Life

A high efficiency motor ensures productivity between charges. Testing has shown that the 9.6V, 1250 mAh, NiCd battery, fully charged is capable of performing 2,000 rundowns before recharging is required.

### 9 Battery Interface

Signature Series Tools feature a precise, slide-lock interface between tool and battery, providing a secure connection that withstands the rigors of an industrial environment.

\*As tested on tools set to their mid-range, run on a UFT Joint Simulator, set to a "B" joint of 140-180 degrees from snug and a 1-1.5 second free run prior to tightening.

| MODEL      | TORQUE RANGE |             | IDLE SPEED<br>rpm | VOLTAGE | WEIGHT (inc. battery) |     | CHUCK<br>in | BATTERY<br>included |
|------------|--------------|-------------|-------------------|---------|-----------------------|-----|-------------|---------------------|
|            | ft - lb      | Nm          |                   |         | lb                    | kg  |             |                     |
| SPC-A-10   | 1.5 - 7.4    | 2 - 10.0    | 330               | 9.6V    | 3.1                   | 1.4 | 3/8 sq.     | SPC-96-NC           |
| SPC-A-10QC | 1.5 - 7.4    | 2 - 10.0    | 330               | 9.6V    | 3.1                   | 1.4 | 1/4 QC      | SPC-96-NC           |
| SPC-A-16   | 4.4 - 11.8   | 6.0 - 16.0  | 300               | 12V     | 4.6                   | 2.1 | 3/8 sq.     | SPC-12A-NC          |
| SPC-A-25   | 7.34 - 18.43 | 10.0 - 25.0 | 240               | 12V     | 4.6                   | 2.1 | 3/8 sq.     | SPC-12A-NC          |